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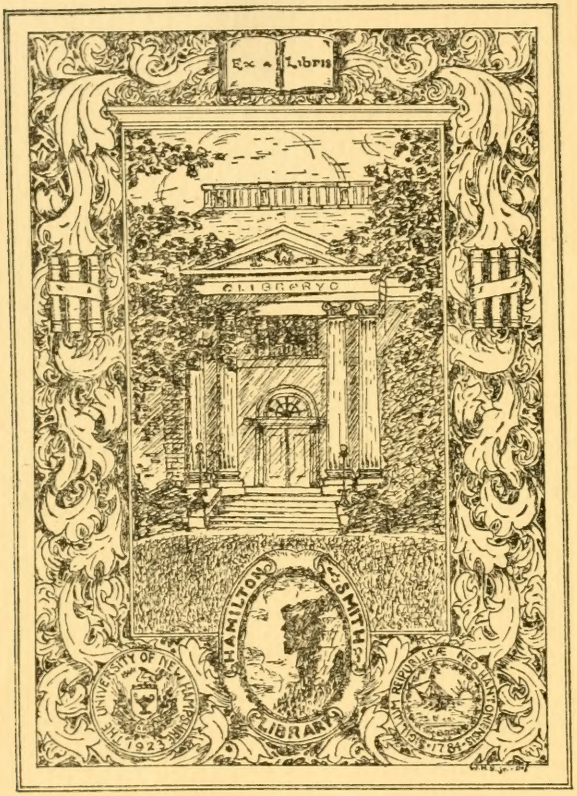

EXPERIMENT STATION LIBRARY

INSPECTION OF COMMERCIAL FEEDING STUFFS

Made for the
STATE DEPARTMENT OF AGRICULTURE

The inspection of commercial feeding stuffs reported in this bulletin was made under the direction of Honorable Andrew L. Felker, Commissioner of Agriculture. Mr. E. D. Sanborn, State Inspector, collected samples of 386 brands of feeding stuffs which were offered for sale in the State during the year ending June, 1933.

THE LAW

The New Hampshire law, entitled an Act to Regulate the Sale of Concentrated Commercial Feeding Stuffs, requires every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feeding stuff to furnish with each package a clearly printed statement certifying the net weight of the feed contained in the package, the brand name or trademark under which the feed is sold, the name and address of the manufacturer, the ingredients of which the feed is composed, and a chemical analysis stating the minimum percentage only of protein, fat and carbohydrates, and the maximum percentage only of crude fiber.

The chief purpose of the administration of the Feeding Stuffs Law is to protect the consumer against the inferior products which would doubtless soon appear on the market if the trade were not under state control. The law requires that full information be available to the purchaser both as to the guaranteed analysis of the feed and the materials of which it is composed.

It must not be assumed by the purchaser of feed that every brand which meets the manufacturer's guarantee is a high-grade feed. The Feeding Stuffs Law does not prevent the sale of a low-grade feed if it is properly licensed and tagged and is offered for sale in compliance with the law. It would not be in the public interest to legislate against the sale of

the lower grade by-products. They can be fed profitably if bought at a price adjusted to their feeding value. The law aims only to prevent an inferior feed being offered for sale as a high-grade product. The purchaser must use his own judgment whether or not a feed is suitable for his purpose and is offered for sale at a fair price. The consumer will often find it profitable to make temporary changes in rations to take advantage of price fluctuations.

The dealer who offers for sale a feeding stuff which has not been registered or which is not guaranteed in compliance with the law is probably indifferent to his customer's interests in other respects. He does not merit their confidence or patronage. The consumer's co-operation in refusing to buy any feed which does not conform to the law in every respect will not only help in the enforcement of the law but will at the same time afford himself its protection. The State official charged with the enforcement of the feeding stuffs law is the Commissioner of Agriculture. All inquiries concerning the law and all matters relative to the registration of brands should be addressed to his office in Concord.

CLASSIFICATION

In classifying the feeding stuffs here reported the class name under which they were offered to the consumer has been used. The classes are arranged alphabetically. Table I shows the number of brands in each class, the average price per 100 pounds, the average per cent of protein, the number of pounds of protein per $1.00, the number deficient by one-half per cent protein, the average per cent of fat, the number of pounds of fat per $1.00, and the number deficient by one-fourth per cent fat.

TABLE I

Class	Number in Class	Average price per 100 Pounds	Average per cent protein	Pounds of protein per $1.00	Number deficient ½ per cent protein	Average per cent fat	Pounds of fat per $1.00	Number deficient ¼ per cent fat
Alfalfa Meal	1	1.95	20.31	10.4	0	2.00	1.0	0
Beet Pulp	1	1.30	8.45	6.5	0	0.53	0.4	0
Brewers' Dried Grains	1		23.29		0	5.47		0
Calf Meal	5	3.15	24.34	7.7	1	4.58	1.4	0
36% Cottonseed Meal	2	1.35	37.06	27.4	0	5.29	4.7	0
41% Cottonseed Meal	7	1.36	41.81	30.7	0	6.11	4.5	0
43% Cottonseed Meal	2	1.40	43.25	30.9	1	6.51	4.7	0
Dairy Feed	115	1.38	21.20	15.4	7	4.10	3.0	2
Gluten Feed	6	1.24	27.83	22.4	0	2.32	1.9	1
Gluten Meal	1	1.35	43.73	32.4	0	1.00	0.7	0
Hog Feed	4	1.68	19.39	11.5	0	5.12	3.0	0
Hominy Feed	4	1.14	11.22	9.8	0	7.02	6.2	0
Linseed Meal	8	1.67	37.43	22.4	1	5.92	3.5	0
Meat and Bone Scrap	12	2.08	51.87	24.9	0	10.42	5.0	1
Oat Products	6	1.10	8.11	7.4	1	3.02	2.7	2
Poultry Feed	106	1.91	19.37	10.1	0	5.02	2.6	6
Rye Feed	1	0.75	17.21	22.9	0	3.04	4.1	0
Skimmed Milk	7	4.31	35.12	8.1	0	0.75	0.2	0
Soybean Meal	3	1.13	42.88	38.0	0	5.42	4.8	0
Stock Feed	17	1.21	11.03	9.1	0	4.76	3.9	0
Wheat Bran	31	1.03	16.74	16.3	0	4.68	4.5	0
Wheat Middlings	21	1.15	17.30	15.0	1	4.86	4.2	2
Wheat Mixed Feed	19	1.22	16.73	13.7	2	4.28	3.5	2
Wheat Red dog Flour	4	1.38	19.38	14.1	0	4.54	3.3	0
Wheat Shorts	2	1.05	18.38	17.5	0	5.90	5.6	0
	386				14			38

NUMBER OF SAMPLES FAILING TO COMPLY WITH THE LAW

While only 223 of the 386 brands analyzed complied with the law in every respect, only three brands were deficient more than one per cent in the most valuable constituent, protein. The 163 brands which did not fully comply with the law violated it on 194 counts. Nineteen brands or 4.9 per cent were deficient in protein; 14 of these were deficient one-half per cent or more. Sixty-seven brands or 17.3 per cent were deficient in fat; 38 of these were deficient one-fourth per cent or more. Fourteen brands contained an excessive amount of crude fiber. Seventy brands were deficient in carbohydrates. Twenty-three brands were offered for sale without a carbohydrate guarantee. In the tabulation of the analytical data deficiencies of one-half per cent or more of protein and of one-fourth per cent or more of fat are shown in bold-faced type.

SPECIAL FORMULA

There is an increasing tendency for the consumer to have his own formula manufactured especially for his individual use. In some instances this practice may be warranted. However, it offers the manufacturer the opportunity to clear his warehouse of inferior products which he may happen to have on hand. The manufacturer frequently quotes a lower price on these small lots than on his regular brands. Is it not probable the lower price is made possible by the use of lower grade ingredients? One state aims to protect the consumer by the following regulation.

"Batch-mixing will be allowed without registering and tagging of the final product, only when the purchaser or his agent actually comes to the mixing plant, makes a bona fide purchase of properly tagged ingredients, sees them before the mixing is done, and also assures himself that they are mixed according to the formula furnished. The feed so mixed must be delivered at once to the purchaser and not stored in the plant in an untagged condition for delivery at some future time. Unless the above conditions are fulfilled, all feed mixed according to formulas submitted must be registered for sale and properly tagged."

REQUESTS FOR THE ANALYSIS OF FEEDING STUFFS BY INDIVIDUALS

Under the Feeding Stuffs Law the Agricultural Experiment Station is charged only with the analysis of samples of feeding stuffs collected by the State Inspector under the direction of the Commissioner of Agriculture. It does, however, each year analyze a considerable number of samples drawn by individuals representing stock purchased by them for their own use. The object of the purchaser who asks to have the sample analyzed is usually to satisfy himself whether the feed meets its guarantee and if it does not, to obtain evidence upon which to base a claim for shortage.

The Station can assume no responsibility for the sampling of these unofficial samples but can only attest the accuracy of the analysis of the sample as submitted. It is practically impossible to secure a representative sample of a feeding stuff composed of several ingredients varying widely in composition without the aid of a sampling tube for drawing the sample and proper equipment for mixing it. A feed may contain as one of its several ingredients gluten meal averaging 40% protein, and as another ingredient oat feed averaging 5% protein. These materials are so different in physical condition that the shaking in transit tends to separate them even though they may have been perfectly mixed by the manufacturer before bagging. It is apparent that an accurate sample of a ton of this feed can only be had by drawing a core from several bags. The official method requires ten. Since a representative sample is as essential as an accurate analysis in judging the value of a shipment of feed it is evident that a satisfactory adjustment can seldom be effected on the basis of an unofficial sample.

Notwithstanding the objections which may be raised to the analysis of samples taken without proper sampling equipment, the Station is disposed to continue this work as long as there is evidence that it constitutes a useful service. The samples so submitted should be drawn from at least ten bags in a manner which will insure that the small lot sent for analysis is as accurately representative as possible of the

larger lot from which it is taken. Because of the cost of labor and materials an analysis is not usually warranted on a sample drawn from less than a one ton lot of feed.

A one pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent the loss of fine particles and a change in the moisture content. In order that the Department may have a satisfactory record of the sample analyzed and may know whether or not the manufacturer and the dealer are complying with the requirements of the law the following information should be submitted concerning each sample.

Brand .....
Manufacturer .....
Address .....
Guarantee:
- Protein .....
- Fat .....
- Carbohydrates .....
- Moisture .....
- Ash .....
- Crude Fiber .....

Ingredients .....
.....
.....
Dealer .....
Address .....
Number of bags in lot .....
Number of bags sampled .....
Price per 100 pounds .....
Your name .....
Your address .....
Your reason for requesting analysis .....
.....

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
ALFALFA MEAL								
Scott's Choice Poultry Greens	G.	20.00	2.00	35.00	....	....	18.00	Alfalfa hay stems partially removed.
J. H. Scott Company	F.	20.31	2.00	55.86	13.14	8.69	18.13	
San Francisco, Calif.								
BEET PULP								
Dried Beet Pulp	G.	8.00	0.40	72.00	....	....	22.00	
Canada & Dominion Sugar Co.	F.	8.45	0.53	76.07	3.99	10.96	....	
Chatham, Ontario								
BREWER'S DRIED GRAINS								
Hi Quality Brewers' Dried Grains	G.	20.00	5.00	59.00	....	....	19.00	
Donahue-Stratton Company	F.	23.29	5.47	60.64	3.58	7.02	....	
Milwaukee, Wis.								
CALF MEAL								
Wayne Calf Meal	G.	24.00	4.00	52.00	....	....	7.00	Skimmed milk, cottonseed meal, gluten meal, cocoanut oil meal, wheat middlings, wheat bran, wheat second clear flour, soybean oil meal, limestone, bone meal, salt, molasses.
Allied Mills, Inc.	F.	26.22	4.35	51.71	8.07	9.65	6.38	
Chicago, Ill.								
Larro Calf Meal	G.	23.00	4.00	53.50	....	....	3.50	Oat meal, wheat red dog flour, corn meal, linseed meal, blood flour, skimmed milk, bone meal, cod liver oil, salt.
Larrowe Milling Co.	F.	24.69	4.31	55.04	6.35	9.61	2.94	
Detroit, Mich.								
B-B Calf Meal	G.	22.00	4.00	53.00	....	....	5.00	Skimmed milk, blood flour, red dog wheat flour, corn meal, linseed meal, oat flour, bone meal, calcium carbonate, salt, cod liver oil.
Maritime Milling Co.	F.	25.04	4.24	52.87	7.21	10.64	3.26	
Buffalo, N. Y.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Merrimack Calf Meal Merrimack Farmers' Exchange Concord, N. H.	G. 20.00 F. 22.55	4.50 4.61	55.00 56.56	.... 6.12	.... 10.16	5.00 4.02	Milk, blood, oat groats, wheat middlings, hominy, bone meal, calcium carbonate, salt, linseed oil meal.
Wirthmore Calf Meal St. Albans Grain Co. St. Albans, Vt.	G. 24.00 F. 23.21	5.50 5.37	55.00 55.39	.... 5.68	.... 10.35	4.00 3.34	Skimmed milk, oat meal, flaxseed meal, blood flour, linseed meal, wheat red dog flour, corn meal, bone meal, salt.
36% COTTONSEED MEAL							
Miss Cairo Brand 36% Cottonseed Meal Cairo Meal & Cake Co. Cairo, Ill.	G. 36.00 F. 37.17	5.00 5.44	24.00 44.49	.... 6.43	.... 6.47	12.00	
Danish Brand Cottonseed Meal Humphreys-Godwin Co. Memphis, Tenn.	G. 36.00 F. 36.95	5.00 5.14	25.00 43.36	.... 6.56	.... 7.99	15.00	
41% COTTONSEED MEAL							
Helmet Brand Prime Cottonseed Meal Asheraft-Wilkinson Co. Atlanta, Ga.	G. 41.00 F. 42.20	5.50 6.47	26.00 37.02	.... 6.69	.... 7.62	10.00	
Miss Cairo Brand Cottonseed Meal Cairo Meal & Cake Co. Cairo, Ill.	G. 41.00 F. 41.90	6.00 6.00	26.00 37.92	.... 6.38	.... 7.80	10.00	
Goodluck Brand Cottonseed Meal S. P. Davis Little Rock, Ark.	G. 41.00 F. 41.28	6.00 6.24	39.00 38.24	.... 6.68	.... 7.56	10.00	

Dixie Brand Cottonseed Meal	G. 41.00	5.00	26.00	....	....	12.00	
Humphreys-Godwin Co. Memphis, Tenn.	F. 42.68	6.42	37.36	6.91	6.63	....	
41.12% Prime Quality Cottonseed Meal	G. 41.12	6.00	40.00	....	....	10.00	
International Vegetable Oil Co. Greenville, Miss.	F. 41.42	6.05	37.86	7.21	7.46	....	
Lovit Brand Cottonseed Meal	G. 41.00	6.00	36.00	....	....	10.00	
L. B. Lovitt & Co. Memphis, Tenn.	F. 41.51	6.02	38.10	6.69	7.68	....	
White Mule Brand Cottonseed Meal	G. 41.00	6.00	26.00	....	....	10.00	
Marianna Sales Co. Memphis, Tenn.	F. 41.68	6.55	37.28	6.78	7.71	....	
43% COTTONSEED MEAL							
Monarch Brand Cottonseed Meal	G. 43.00	6.00	25.00	....	....	10.00	
Ashcraft-Wilkinson Co. Atlanta, Ga.	F. 44.38	6.76	36.23	5.64	6.99	....	
White Mule Brand Cottonseed Meal	G. 43.00	6.00	25.00	....	....	10.00	
Marianna Sales Co. Memphis, Tenn.	F. **42.12**	6.25	37.65	7.06	6.92	....	
DAIRY FEED							
Amco 24% Dairy Ration	G. 24.00	3.50	49.00	....	....	9.00	Gluten feed, gluten meal, cottonseed meal, linseed meal, wheat bran, corn meal, oats, malt grains, soybean oil meal, barley, molasses, bone meal, limestone, salt.
Allied Mills, Inc. Chicago, Ill.	F. 25.00	3.32	54.80	7.06	9.82	6.65	
Amco 20% Dairy Ration	G. 20.00	3.50	54.00	....	....	9.00	Gluten feed, gluten meal, cottonseed meal, linseed meal, wheat bran, corn meal, oats, malt grains, soybean oil meal, molasses, bone meal, limestone, salt.
Allied Mills, Inc. Chicago, Ill.	F. 22.07	3.37	56.89	7.56	10.11	5.74	
Amco 12% Fitting Ration	G. 12.00	3.00	59.00	....	....	9.00	Soybean oil meal, linseed meal, wheat bran, corn meal, oats, molasses, bone meal, limestone, salt.
Allied Mills, Inc. Chicago, Ill.	F. 12.38	4.29	64.99	6.19	12.15	5.25	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Amco 20% National Dairy Ration Allied Mills, Inc. Chicago, Ill.	G. 20.00 F. 21.19	3.50 3.68	54.00 56.00	.... 9.46	.... 9.67	9.00 7.29	Gluten feed, cottonseed meal, linseed meal, wheat bran, corn meal, oats, distillers' grains, soybean oil meal, molasses, bone meal, limestone, salt.
Amco 16½% Sucrene Dairy Ration Allied Mills, Inc. Chicago, Ill.	G. 16.50 F. 17.64	3.50 **3.20**	60.00 60.64	.... 8.31	.... 10.21	12.00 8.09	Soybean oil meal, malt grains, cottonseed meal, linseed meal, gluten feed, corn meal, wheat bran, grain screenings, molasses, limestone, salt.
Empire 24% Dairy Ration Allied Mills, Inc. Chicago, Ill.	G. 24.00 F. 25.65	3.00 3.00	49.00 54.01	.... 8.16	.... 9.18	9.00 6.73	Gluten feed, gluten meal, cottonseed meal, wheat bran, corn meal, malt grains, molasses, bone meal, limestone, salt.
Empire 20% Dairy Ration Allied Mills, Inc. Chicago, Ill.	G. 20.00 F. 20.00	3.00 **2.42**	52.00 59.83	.... 8.07	.... 9.68	12.00 9.58	Gluten feed, gluten meal, cottonseed meal, wheat bran, corn meal, oat shorts, oat middlings, oat hulls, bone meal, molasses, limestone, salt.
Bailey's Fitting Ration E. W. Bailey & Co. Montpelier, Vt.	G. 14.00 F. 15.81	4.00 5.25	62.00 63.54	.... 5.35	.... 10.05	9.00 8.07	Corn meal, oats, wheat bran, linseed meal, bone meal, salt.
Capital Dairy Ration Sweetened E. W. Bailey & Co. Montpelier, Vt.	G. 24.00 F. 25.00	5.00 **3.91**	55.00 53.61	.... 7.21	.... 10.27	9.00 6.97	Gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt, molasses.
Favorite Dairy Ration Sweetened E. W. Bailey & Co. Montpelier, Vt.	G. 20.00 F. 21.23	4.50 **3.71**	55.00 57.01	.... 6.99	.... 11.06	7.50 6.39	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, gluten feed, wheat middlings, bone meal, calcium carbonate, salt.

Noyes' Dairy Feed E. W. Bailey & Co. Swanton, Vt.	G. 22.00 F. 22.11	4.50 4.36	56.00 55.45	.... 7.58	.... 10.50	9.00 6.77	Cottonseed meal, linseed meal, hominy feed, corn meal, oat meal, wheat bran, gluten feed, salt, calcium carbonate, bone meal, molasses.
Our 20 Special E. W. Bailey & Co. Montpelier, Vt.	G. 20.00 F. 21.27	3.50 3.50	55.00 56.77	.... 8.25	.... 10.21	9.00 8.42	Gluten feed, wheat middlings, oat middlings, oat hulls, oat shorts, corn meal, wheat meal, cottonseed meal, molasses, salt, bone meal, calcium carbonate.
Barco 24% Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 24.00 F. 25.48	5.00 **4.25**	55.00 53.43	.... 7.40	.... 9.44	9.00 6.81	Gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt.
Barco 16% Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 16.00 F. 17.99	5.00 4.89	60.00 59.79	.... 6.29	.... 11.04	9.00 6.71	Glufen feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, bone meal, calcium carbonate, salt.
Barco 20% Sweetened Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 21.93	4.50 **4.14**	55.00 56.69	.... 6.27	.... 10.97	7.50 6.65	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, gluten feed, wheat middlings, bone meal, calcium carbonate, salt.
Blaine's 20% Special Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 21.71	5.00 **3.93**	50.00 57.66	.... 5.03	.... 11.67	8.00 5.14	Gluten feed, cottonseed meal, hominy, linseed meal, wheat bran, wheat red dog middlings, molasses, salt.
Colby Bros. Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 23.29	4.00 4.45	55.50 56.28	.... 6.11	.... 9.93	10.50 8.23	Linseed meal, wheat bran, hominy, gluten meal, oats, cottonseed meal, brewers' grains, charcoal, salt, lime, bone meal.
Concord 20% Sweetened Ration G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 22.51	3.00 3.43	45.00 56.12	.... 6.69	.... 11.25	9.00 6.39	Gluten feed, wheat bran, gluten meal, hominy, cottonseed meal, brewers' grains, linseed meal, molasses, bone meal, limestone, salt.
Dunbar's Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 22.00 F. 26.05	4.50 4.50	48.00 53.98	.... 5.82	.... 9.65	10.00 8.43	Wheat bran, linseed meal, cottonseed meal, brewers' grains, oats, hominy, gluten meal, bone meal, charcoal, calcium carbonate, salt.
Full O' Milk G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 21.40	4.50 4.28	53.00 57.49	.... 6.21	.... 10.62	8.00 6.68	Wheat bran, hominy, oats, gluten feed, cottonseed meal, soybean oil meal, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Jordan's Mixture	G. 18.00	4.00	53.00	....	....	8.00	Wheat mixed feed, diamond gluten meal, cottonseed meal, red dog middlings, linseed meal, beet pulp, brewers' grains, salt, charcoal, bone meal, lime.
G. N. Bartemus Co. Concord, N. H.	F. 19.52	4.11	60.90	5.09	10.38	7.33	
Auburn Dairy Feed	G. 20.00	4.00	45.00	....	....	10.00	Corn gluten feed, linseed meal, oats, corn meal, oats, corn meal, grain screenings, cottonseed meal, wheat bran, barley, brewers' grains, molasses, salt, calcium carbonate, calcium phosphate, soybean oil meal.
Beacon Milling Co. Cayuga, N. Y.	F. 21.67	**2.86**	57.65	7.60	10.22	7.35	
Beacon "20"	G. 20.00	4.50	50.00	....	....	9.00	Linseed meal, cottonseed meal, soybean oil meal, corn gluten feed, corn gluten meal, corn meal, wheat bran, mill run screenings, corn distillers' grains, oats, barley, salt, calcium phosphate, calcium carbonate.
Beacon Milling Co. Cayuga, N. Y.	F. 20.35	5.03	58.80	6.04	9.78	7.56	
Beacon Dairy Ration	G. 24.00	4.50	49.00	....	....	9.00	Linseed meal, soybean oil meal, corn gluten feed, corn distillers' grains, barley, corn gluten meal, hominy feed, corn meal, cottonseed meal, alfalfa meal, wheat bran, wheat middlings, mill run screenings, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co. Cayuga, N. Y.	F. 26.05	4.57	52.90	7.61	8.87	8.64	
Beacon Sweet 24	G. 24.00	4.00	55.00	....	....	9.00	Distillers' grains, linseed meal, gluten meal, cottonseed meal, gluten feed, corn meal, brewers' grains, wheat bran, mill run screenings, oats, barley, molasses, salt, calcium carbonate, soybean oil meal.
Beacon Milling Co. Cayuga, N. Y.	F. 26.05	4.07	52.14	7.79	9.95	6.68	
Belkco Dairy Feed	G. 20.00	4.50	55.00	....	....	9.00	Wheat bran, wheat middlings, corn meal, oats, gluten feed, linseed meal, cottonseed meal, limestone, bone meal, salt.
Belknap County Farmers' Exchange Laconia, N. H.	F. 21.27	**4.14**	59.62	4.99	9.98	6.93	

Prosperity Dairy Feed	G.	22.00	5.00	50.00	....	....	10.00	Wheat bran, corn meal, oats, cottonseed meal, linseed meal, soybean meal, brewers' grains, salt, calcium carbonate, bone meal.
Belknap County Farmers' Exchange, Laconia, N. H.	F.	23.16	5.27	56.05	6.42	9.10	9.48	
Bidwell 24% Dairy Ration	G.	24.00	4.00	50.00	....	....	11.00	Wheat bran, linseed meal, barley, cottonseed meal, gluten feed, grain screenings, malt sprouts, gluten meal, molasses, calcium carbonate, salt.
Black Rock Milling Corp., Buffalo, N. Y.	F.	24.00	3.94	54.51	7.01	10.54	7.08	
Bidwell 20% Dairy Ration	G.	20.00	4.00	50.00	....	....	11.00	Wheat bran, linseed meal, malt sprouts, gluten feed, gluten meal, barley meal, cottonseed meal, grain screenings, molasses, calcium carbonate, salt.
Black Rock Milling Corp., Buffalo, N. Y.	F.	21.05	3.57	57.40	7.86	10.12	8.15	
Miracle Dairy Ration	G.	20.00	4.00	62.50	....	....	7.50	Wheat bran, gluten feed, corn meal, cottonseed meal, oats, molasses, bone meal, salt, linseed meal.
Central Grain Co., Franklin, N. H.	F.	20.18	4.40	59.61	5.39	10.42	6.92	
16% Dairy Ration	G.	16.00	3.00	50.00	....	....	8.00	Corn meal, wheat bran, wheat middlings, gluten feed, linseed meal, oat meal, cottonseed meal, calcium carbonate, salt, molasses.
E. A. Cowee Co., Fitchburg, Mass.	F.	17.25	3.94	61.90	6.39	10.52	8.18	
Coweco 20% Ration	G.	20.00	4.00	45.00	....	....	10.00	Wheat bran, wheat middlings, gluten feed, corn meal, linseed meal, oat meal, cottonseed meal, brewers' grains, molasses, bone meal, calcium carbonate, salt, soybean meal, distillers' grains.
E. A. Cowee Co., Fitchburg, Mass.	F.	20.57	3.75	58.53	6.81	10.34	7.42	
Coweco 20% Ration	G.	20.00	4.00	45.00	....	....	10.00	Wheat bran, wheat middlings, gluten feed, corn meal, linseed meal, oat meal, cottonseed meal, brewers' grains, molasses, bone meal, calcium carbonate, salt, soybean meal, distillers' grains.
E. A. Cowee Co., Fitchburg, Mass.	F.	21.67	4.00	56.97	6.79	10.57	6.27	
Coweco Lo-Price 20% Dairy Ration	G.	20.00	3.50	....	....	....	9.00	Wheat bran, wheat middlings, oat meal, cottonseed meal, gluten meal, linseed meal, barley, corn meal, soybean meal, molasses, bone meal, calcium carbonate, salt.
E. A. Cowee Co., Fitchburg, Mass.	F.	22.37	4.05	55.66	7.21	10.71	7.09	
Kimball's Special Dairy Feed	G.	20.00	5.00	59.00	....	....	9.00	Gluten meal, gluten feed, corn meal, cottonseed meal, oats, wheat bran, linseed meal, salt, wheat middlings, hominy, brewers' grains, distillers' grains, bone meal.
Cunningham Grain Co., Malden, Mass.	F.	22.02	4.82	57.43	5.78	9.95	7.47	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbohydrates	Ash	Moisture	Crude Fiber	
Champion Dairy Ration G. B. Currier Co. Colebrook, N. H.	G. 23.00 F. 23.16	5.00 **4.71**	50.00 57.01	.... 5.44	.... 9.68	11.00 8.14	Wheat bran, cottonseed meal, gluten feed, gluten meal, linseed meal, corn meal, oat meal, hominy, brewers' grains, distillers' grains, wheat middlings, salt, bone meal.
Cushing's Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. 24.00 F. 25.31	4.00 4.06	53.00 52.67	.... 8.72	.... 9.24	11.00 7.96	Wheat bran, brewers' grains, oats, corn meal, linseed meal, gluten feed, cottonseed meal, soybean meal, molasses, bone meal, limestone, salt.
Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. 20.00 F. 22.07	4.00 3.83	53.00 55.42	.... 8.24	.... 10.44	11.00 7.15	Wheat bran, brewers' grains, oats, corn meal, linseed meal, gluten feed, cottonseed meal, soybean meal, grain screenings, molasses, bone meal, limestone, salt.
Vigor Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. 16.00 F. 20.44	3.00 3.00	45.00 58.48	.... 8.02	.... 10.06	11.00 8.39	Wheat bran, brewers' grains, linseed meal, gluten feed, soybean meal, grain screenings, molasses, bone meal, limestone, cottonseed meal, salt.
Delaware 20% Dairy Feed Delaware Mills, Inc. Deposit, N. Y.	G. 20.00 F. 23.41	5.00 5.41	50.00 55.35	.... 6.76	.... 9.07	10.00 8.51	Corn gluten feed, linseed meal, cottonseed meal, beet pulp, hominy feed, corn feed meal, wheat bran, wheat middlings, salt, calcium carbonate.
Delaware Fitting Ration Delaware Mills, Inc. Deposit, N. Y.	G. 13.00 F. 13.22	3.00 3.89	50.00 62.52	.... 8.74	.... 11.63	12.00 7.64	Molasses, wheat bran, wheat middlings, wheat meal, corn meal, oats, barley, linseed meal, soybean oil meal, peanut oil meal, calcium phosphate, salt.
Delaware Sweet 24% Dairy Feed Delaware Mills, Inc. Deposit, N. Y.	G. 24.00 F. 24.82	4.50 5.41	50.00 52.01	.... 7.61	.... 10.15	10.00 6.30	Cane molasses, corn gluten feed, corn gluten meal, linseed meal, cottonseed meal, soybean oil meal, copra oil meal, hominy feed, corn meal, wheat bran, wheat middlings, salt, calcium phosphate.

Delco Sweet 20% Dairy Feed	G. 20.00	4.50	50.00	....	....	10.00	Molasses, linseed meal, corn gluten feed, corn gluten meal, cottonseed meal, soybean oil meal, cocoanut oil meal, peanut meal, wheat bran, wheat middlings, hominy feed, oats, barley, calcium phosphate, salt.
Delaware Mills, Inc. Deposit, N. Y.	F. 20.75	4.73	58.29	6.58	9.65	9.92	
Delco Sweet 16% Dairy Feed	G. 16.00	4.00	....	....	....	12.00	Molasses, wheat bran, wheat middlings, linseed meal, corn gluten feed, cottonseed meal, brewers' grains, alfalfa meal, grain screenings, oat middlings, oat hulls, oat shorts, calcium phosphate, peanut meal, salt.
Delaware Mills, Inc. Deposit, N. Y.	F. 16.99	**3.11**	61.56	8.05	10.29	10.02	
Indian Sweet 20% Dairy Feed	G. 20.00	4.00	50.00	....	....	12.00	Molasses, linseed meal, corn gluten feed, cottonseed meal, soybean meal, cocoanut oil meal, peanut oil meal, wheat bran, wheat middlings, corn meal, oats, barley, wheat screenings, calcium phosphate, salt.
Delaware Mills, Inc. Deposit, N. Y.	F. 23.73	5.22	54.28	7.13	9.64	8.45	
Big 4 Dairy Feed	G. 11.00	2.50	62.00	....	....	16.00	Alfalfa meal, wheat bran, brewers' grains, beet pulp, molasses, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F. 15.63	4.26	63.22	6.77	10.12	14.05	
D & G Fitting Ration	G. 12.50	4.00	63.00	....	....	8.00	Wheat bran, oats, barley, corn feed meal, linseed meal, molasses, bone meal, calcium carbonate, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F. 15.24	**3.64**	62.38	6.88	11.86	6.33	
Gambrill's A 1 Dairy Feed	G. 24.00	4.60	51.00	....	....	9.00	Gluten feed, cottonseed meal, linseed meal, peanut meal, brewers' grains, wheat bran, corn feed meal, wheat middlings, oats, molasses, calcium carbonate, bone meal, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F. 25.35	4.89	52.10	7.55	9.81	7.92	
Gambrill's Dairy Feed	G. 16.00	3.50	....	....	....	12.00	Cottonseed meal, peanut meal, gluten feed, corn feed meal, grain screenings, oat hulls, oat middlings, molasses, calcium carbonate, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F. 19.09	3.97	58.50	8.58	9.86	12.00	
Pen Mar Dairy Feed	G. 20.00	4.00	56.00	....	....	9.00	Gluten feed, cottonseed meal, linseed meal, peanut oil cake meal, brewers' grains, oats, corn feed meal, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F. 22.59	4.89	54.50	7.16	10.56	7.87	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
Rollins' Special Dairy	G. 20.00	3.00	45.00	....	....	9.00	Gluten feed, gluten meal, cottonseed meal, linseed meal, wheat bran, hominy, brewers' grains, molasses, bone meal, salt, limestone.
Dietrich & Gambrill, Inc. Frederick, Md.	F. 23.16	3.96	54.84	7.82	10.22	6.33	
Blue Ribbon 24% Dairy Feed	G. 24.00	4.00	50.00	....	....	11.00	Wheat bran, cottonseed meal, gluten feed, wheat middlings, soybean oil meal, molasses, brewers' grains, cocoanut oil meal, oat meal, corn feed meal, linseed meal, wheat screenings, bone meal, calcium carbonate, salt.
Eastern Grain Co. Portland, Me.	F. 24.03	4.16	53.66	8.46	9.69	8.45	
Blue Ribbon 20% Dairy Feed	G. 20.00	3.50	48.00	....	....	12.50	Wheat bran, cottonseed meal, gluten feed, wheat middlings, linseed meal, corn meal, oat feed, beet pulp, bone meal, salt.
Eastern Grain Co. Portland, Me.	F. 20.58	3.60	61.11	6.02	8.69	11.99	
Eastern States Fitting Ration	G. 12.00	3.50	60.00	....	....	7.00	Wheat bran, oats, corn meal, hominy, molasses, linseed meal, soybean oil meal, dicalcium phosphate, salt.
Eastern States Farmers' Exchange Springfield, Mass.	F. 14.01	4.08	64.50	5.47	11.94	6.75	
Eastern States Fulpail Dairy Ration	G. 20.00	4.50	53.00	....	....	8.00	Wheat bran, hominy, oats, corn gluten feed, cottonseed meal, soybean oil meal, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.
Eastern States Farmers' Exchange Springfield, Mass.	F. 22.46	4.92	55.85	6.47	10.30	7.50	
Eastern States Highland 20	G. 20.00	4.00	54.00	....	....	12.00	Cottonseed meal, oat shorts, oat middlings, oat hulls, hominy, brewers' grains, wheat bran, molasses, soybean oil meal, corn gluten meal, dicalcium phosphate, salt.
Eastern States Farmers' Exchange Springfield, Mass.	F. 21.40	4.00	58.04	6.93	9.72	11.06	
Eastern States Highland 12	G. 12.00	3.50	61.00	....	....	11.50	Wheat bran, oat shorts, oat middlings, oat hulls, corn meal, hominy, molasses, soybean oil meal, brewers' grains, dicalcium phosphate, salt.
Eastern States Farmers' Exchange Springfield, Mass.	F. 13.84	3.58	65.24	6.01	11.33	9.12	

Eastern States Milkmore Dairy Ration....	G. 24.00	4.50	49.00	....	....	8.00	Cottonseed meal, hominy, corn gluten feed, soybean oil meal, wheat bran, oats, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.
Eastern States Farmers' Exchange.....	F. 25.00	4.99	53.49	6.85	9.67	6.54	
Springfield, Mass.							
Eshelman Certified 24% Dairy Ration ..	G. 24.00	4.50	49.00	....	....	8.00	Gluten feed, linseed meal, cottonseed meal, hominy feed, oats, soybean meal, wheat bran, distillers' grains, molasses, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 26.31	4.63	52.01	7.68	9.37	7.53	
Lancaster, Pa.							
Eshelman Conestoga 20 Dairy Feed	G. 20.00	4.00	55.00	....	....	11.00	Wheat bran, gluten feed, brewers' grains, cottonseed meal, molasses, wheat middlings, soybean oil meal, cocoanut oil meal, linseed meal, oat middlings, oat hulls, oat shorts, grain screenings, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 22.24	4.11	54.93	8.64	10.08	8.68	
Lancaster, Pa.							
Eshelman Lancaster 20 Dairy Feed.....	G. 20.00	4.00	55.00	....	....	11.00	Wheat bran, gluten feed, wheat middlings, brewers' grains, molasses, cottonseed meal, soybean oil meal, corn feed meal, oats, cocoanut oil meal, linseed meal, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 21.80	**3.54**	57.42	7.84	9.40	8.36	
Lancaster, Pa.							
Eshelman Open Formula 20% Dairy Feed	G. 20.00	4.00	53.00	....	....	9.00	Wheat bran, oats, corn meal, linseed meal, gluten feed, cottonseed meal, soybean oil meal, molasses, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 22.99	3.94	55.29	7.80	9.98	7.54	
Lancaster, Pa.							
Eshelman Pennsy 16 Dairy Feed	G. 16.00	3.00	55.00	....	....	11.00	Gluten feed, brewers' grains, cottonseed meal, soybean meal, molasses, cocoanut oil meal, linseed meal, wheat middlings, wheat bran, oat middlings, oat hulls, oat shorts, grain screenings bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 18.52	3.97	58.17	9.98	9.36	9.66	
Lancaster, Pa.							
Eshelman Red Rose 24 Dairy Feed.....	G. 24.00	4.00	50.00	....	....	11.00	Wheat bran, wheat middlings, gluten feed, brewers' grains, cocoanut oil meal, cottonseed meal, linseed meal, soybean meal, molasses, corn feed meal, oats, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons	F. 26.27	**3.19**	51.84	8.54	10.16	7.96	
Lancaster, Pa.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Sweet 20 Dairy Farm Service Stores, Inc. Keene, N. H.	G. 20.00 F. 21.10	3.00 3.79	45.00 58.75	.... 6.52	.... 9.84	15.00 12.14	Gluten meal, oat feed, wheat bran, hominy, corn meal, cottonseed meal, grain screenings, salt, limestone.
Filion's Dairy Feed J. A. Filion Newmarket, N. H.	G. 22.00 F. 23.82	4.00 4.51	50.00 54.50	.... 7.04	.... 10.13	12.00 7.41	Corn meal, wheat middlings, wheat bran, cottonseed meal, gluten feed, linseed meal, oats, calcite, salt.
Grandin's 12-Twin Six-12 Dairy Feed.. D. H. Grandin Milling Co. Jamestown, N. Y.	G. 22.00 F. 26.35	5.00 5.09	50.00 50.91	.... 8.66	.... 8.99	12.00 8.51	Linseed meal, cottonseed meal, cocoanut oil meal, gluten feed, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, alfalfa meal, bone meal, calcium carbonate, salt.
Grandin's Milk Maker D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 22.02	5.00 4.92	50.00 55.30	.... 8.07	.... 9.69	12.00 8.11	Linseed meal, cottonseed meal, cocoanut oil meal, gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, beet pulp, bone meal, calcium carbonate, salt, mill run screenings.
Grandin's Sweetened 20% Dairy Feed... D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 22.90	4.00 4.65	50.00 53.51	.... 6.56	.... 12.38	10.00 6.86	Linseed meal, cottonseed meal, gluten feed, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, molasses, bone meal, calcium carbonate, salt.
Grandin's Sweetened 16% Dairy Feed... D. H. Grandin Milling Co. Jamestown, N. Y.	G. 16.00 F. 18.60	4.00 4.19	50.00 56.31	.... 7.91	.... 12.99	10.00 7.01	Linseed meal, cottonseed meal, gluten feed, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, barley, molasses, bone meal, calcium carbonate, salt.

M-S 20% Sweet Dairy Feed D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 20.40	4.00 3.83	50.00 58.48	.... 7.76	.... 9.53	12.00 10.43	Cottonseed meal, gluten feed, linseed meal, wheat bran, wheat middlings, barley, corn meal, corn feed meal, hominy feed, grain screenings, oat middlings, oat hulls, oat shorts, molasses, bone meal, calcium carbonate, salt.
Money Saver 24% Sweet Dairy Feed.... D. H. Grandin Milling Co. Jamestown, N. Y.	G. 24.00 F. 24.52	4.00 4.32	50.00 54.33	.... 7.75	.... 9.08	12.00 10.01	Cottonseed meal, gluten meal, linseed meal, wheat bran, wheat middlings, barley, corn feed meal, corn meal, hominy feed, grain screenings, oat middlings, oat hulls, oat shorts, molasses, bone meal, calcium carbonate, salt.
Bemis 20% Dairy Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 20.00 F. 21.49	4.00 4.80	55.00 57.47	.... 6.55	.... 9.69	9.00 8.64	Wheat bran, oats, corn meal, linseed meal, gluten feed, cottonseed meal, salt.
Chase Ration E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 17.00 F. 18.91	4.00 4.31	60.00 60.30	.... 6.32	.... 10.16	8.00 6.69	Corn meal, wheat bran, gluten feed, oats, linseed meal, cottonseed meal, salt.
Money Maker Sweetened Dairy Feed .... E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 20.00 F. 22.90	3.50 3.67	50.00 55.42	.... 7.75	.... 10.26	11.00 8.00	Corn meal, gluten feed, cottonseed meal, linseed meal, malt, wheat bran, molasses, calcium carbonates, salt.
20% Open Formula Dairy Feed..... E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 20.00 F. 22.29	4.50 4.83	53.00 56.21	.... 6.17	.... 10.50	8.00 7.09	Wheat bran, hominy, oat meal, gluten feed, cottonseed meal, soybean oil meal, linseed meal, distillers' grains, molasses, dicalcium phosphate, salt.
Just-Right Dairy Ration 20% The Jersee Co. Minneapolis, Minn.	G. 20.00 F. **15.15**	4.50 **3.85**	59.00 64.33	.... 7.33	.... 9.34	9.00 9.28	Oats, wheat bran, corn meal, linseed meal, cottonseed meal, anise, St. John's bread, sugar, calcium carbonate.
16% Dairy Feed Kasco Mills, Inc. Waverly, N. Y.	G. 16.00 F. 18.17	4.00 4.15	50.00 59.87	.... 8.58	.... 9.23	12.00 11.59	Wheat bran, corn gluten feed, cottonseed meal, barley, corn meal, grain screenings, salt, molasses, calcite, oat middlings, oat shorts, oat hulls.
Beatsall Milk Grains Kasco Mills, Inc. Waverly, N. Y.	G. 22.00 F. 25.39	4.50 4.65	50.00 52.91	.... 7.37	.... 9.68	10.00 8.37	Wheat bran, wheat middlings, linseed meal, corn gluten feed, cottonseed meal, soybean meal, hominy feed, salt, calcite, beet pulp, mill run screenings.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Larro The Ready Ration The Larrowe Milling Co. Detroit, Mich.	G. 20.00 F. 22.07	4.00 4.06	57.00 58.77	.... 5.91	.... 9.19	12.00 9.67	Cottonseed meal, corn meal, wheat middlings, grain screenings not exceeding mill run, linseed meal, corn gluten feed, beet pulp, wheat bran, salt.
B-B "20" Dairy Ration Sweetened Maritime Milling Co. Buffalo, N. Y.	G. 20.00 F. 23.95	4.50 **3.79**	55.00 54.65	.... 7.64	.... 9.97	11.00 8.44	Brewers' grain, linseed meal, cottonseed meal, gluten feed, soybean oil meal, hominy feed, corn meal, wheat bran, wheat middlings, mill run screenings, molasses, bone meal, calcium carbonate, salt.
B-B Hi-Test Dairy Feed Maritime Milling Co. Buffalo, N. Y.	G. 20.00 F. 21.54	4.50 **4.06**	50.00 56.27	.... 8.06	.... 10.07	12.00 9.79	Brewers' grains, linseed meal, cottonseed meal, gluten feed, soybean oil meal, hominy feed, oats, corn meal, grain screenings, wheat bran, molasses, bone meal, calcium carbonate, salt.
B-B Marmico Dairy Feed with Molasses Maritime Milling Co. Buffalo, N. Y.	G. 16.00 F. 16.90	4.00 3.83	58.90 60.48	.... 8.09	.... 10.70	12.00 11.12	Brewers' grains, soybean oil meal, cottonseed meal, gluten feed, corn meal, grain screenings, wheat bran, oat hulls, oat shorts, oat middlings, molasses, bone meal, calcium carbonate, salt.
Dollar Maker Dairy Feed Sweetened Maritime Milling Co. Buffalo, N. Y.	G. 20.00 F. 21.01	3.50 3.34	50.00 58.16	.... 7.64	.... 9.85	12.00 9.23	Brewers' grains, soybean oil meal, gluten feed, linseed meal, cottonseed meal, corn meal, hominy feed, wheat bran, oats, molasses, calcium carbonate, salt, bone meal, mill run screenings.
Dollar Maker Dairy Feed Sweetened Maritime Milling Co. Buffalo, N. Y.	G. 24.00 F. **23.41**	3.50 3.56	.... 56.25	.... 6.97	.... 9.81	12.00 8.56	Brewers' grains, soybean oil meal, gluten feed, linseed meal, cottonseed meal, corn meal, hominy feed, wheat bran, oats, molasses, calcium carbonate, salt, bone meal, mill run screenings.

Merrimack Dairy Ration Merrimack Farmers' Exchange Concord, N. H.	G. 20.00 F. 21.14	4.00 4.93	50.00 56.06	.... 8.38	.... 9.49	10.00 7.76	Corn gluten feed, linseed meal, cottonseed meal, corn meal, wheat bran, wheat middlings, oats, salt, calcium carbonate, bone meal.
Merrimack Dry Cow Merrimack Farmers' Exchange Concord, N. H.	G. 14.00 F. 15.85	4.00 4.57	60.00 62.28	.... 7.04	.... 10.26	8.00 6.85	Oats, corn meal, wheat bran, linseed meal, calcium carbonate, salt, bone meal.
Merrimack Eureka Dairy Ration Merrimack Farmers' Exchange Concord, N. H.	G. 20.00 F. **18.68**	4.50 4.57	52.00 60.51	.... 7.31	.... 8.93	11.00 10.75	Corn meal, cottonseed meal, wheat bran, gluten feed, oat feed, calcium carbonate, salt.
Merrimack Fodder Ration Merrimack Farmers' Exchange Concord, N. H.	G. 10.00 F. 12.04	2.00 2.37	50.00 73.21	.... 5.51	.... 6.87	25.00 22.77	Beet pulp, brewers' grains, oat feed.
Merrimack Maintenance Ration Merrimack Farmers' Exchange Concord, N. H.	G. 10.00 F. 10.41	2.50 **1.92**	45.00 69.34	.... 10.21	.... 8.12	25.00 24.04	Linseed meal, wheat bran, fish meal, oat feed, salt, calcium carbonate, bone meal.
Merrimack Milk Ration (Sweetened) Merrimack Farmers' Exchange Concord, N. H.	G. 20.00 F. **19.09**	4.00 4.21	54.00 60.97	.... 5.92	.... 9.81	8.50 5.89	Corn gluten meal, corn gluten feed, linseed meal, cottonseed meal, brewers' grains, corn meal, hominy feed, oats, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Willey Special New England Grain Co. Portland, Me.	G. 20.00 F. 21.84	4.00 4.45	54.00 56.37	.... 7.07	.... 10.27	8.00 7.78	Brewers' grains, wheat bran, oat meal, gluten feed, hominy, barley meal, cottonseed meal, linseed meal, gluten meal, distillers' grains, molasses, dicalcium phosphate, salt, bone meal.
Oswego 20% Dairy Feed with Molasses Ontario Milling Co. Oswego, N. Y.	G. 20.00 F. **19.44**	4.00 4.13	40.00 58.37	.... 6.30	.... 11.76	12.00 6.58	Cottonseed meal, soybean oil meal, wheat bran, wheat middlings, gluten feed, linseed meal, brewers' grains, wheat screenings, molasses, bone meal, salt, calcium carbonate.
Bet-R-Milk 20% Ration Park & Pollard Co. Boston, Mass.	G. 20.00 F. **17.60**	4.00 **3.39**	50.00 60.89	.... 7.69	.... 10.43	9.00 6.80	Corn gluten feed, linseed meal, cottonseed meal, malt sprouts, wheat bran, wheat middlings, mill run screenings, hominy feed, fish meal, molasses, calcium carbonate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Milk Maid Sweetened 24% Dairy Ration Park & Pollard Co. Boston, Mass.	G. 24.00 F. 25.66	4.50 **3.88**	50.00 53.12	.... 7.43	.... 9.91	11.00 8.09	Corn gluten feed, linseed meal, cottonseed meal, distillers' grains, wheat bran, mill run screenings, brewers' grains, malt sprouts, corn gluten meal, copra oil meal, corn meal, fish meal, molasses, calcium carbonate, salt.
New Hampshire Ration Park & Pollard Co. Boston, Mass.	G. 20.00 F. 21.89	3.00 3.67	45.00 56.11	.... 7.70	.... 10.63	9.00 6.79	Gluten feed, gluten meal, cottonseed meal, linseed meal, wheat bran, hominy, brewers' grains, molasses, bone meal, salt, limestone.
Protena 24% Dairy Feed Ralston Purina Co. St. Louis, Mo.	G. 24.00 F. 26.62	3.00 5.01	50.00 51.24	.... 7.48	.... 9.65	14.00 9.56	Cottonseed meal, gluten feed, wheat middlings, wheat bran, oat shorts, oat hulls, oat middlings, grain screenings, molasses, salt.
Protena 20% Dairy Feed Ralston Purina Co. St. Louis, Mo.	G. 20.00 F. 22.24	3.00 4.19	56.00 57.19	.... 6.64	.... 9.74	14.00 9.87	Cottonseed meal, corn gluten feed, brewers' grains, wheat middlings, wheat bran, molasses, salt.
Purina 34% Cow Chow Ralston Purina Co. St. Louis, Mo.	G. 34.00 F. 35.72	3.00 4.91	46.00 43.44	.... 6.94	.... 8.99	12.00 9.92	Linseed meal, soybean oil meal, corn gluten meal, cottonseed meal, alfalfa meal, molasses, salt.
Purina 24% Cow Chow Ralston Purina Co. St. Louis, Mo.	G. 24.00 F. 27.45	3.00 4.11	52.00 52.39	.... 6.58	.... 9.47	12.00 9.87	Linseed meal, soybean oil meal, corn gluten feed, cottonseed meal, wheat middlings, wheat bran, alfalfa meal, molasses, salt.
Purina 20% Cow Chow Ralston Purina Co. St. Louis, Mo.	G. 20.00 F. 22.51	3.00 4.03	57.00 56.57	.... 6.40	.... 10.49	12.00 11.10	Beet pulp, linseed meal, soybean oil meal, corn gluten feed, cottonseed meal, wheat middlings, wheat bran, corn meal, alfalfa meal, molasses, salt.
Purina Bulky Las Chow Ralston Purina Co. St. Louis, Mo.	G. 9.00 F. 12.47	1.30 2.58	67.00 64.80	.... 8.30	.... 11.85	15.00 12.82	Beet pulp, wheat bran, molasses, grain screenings, alfalfa meal, salt.

Purina Fitting Chow	G. 13.50	2.60	62.00	....	....	12.00	Linseed meal, soybean oil meal, wheat bran, molasses, corn, oats, alfalfa meal, salt.
Ralston Purina Co.	F. 16.16	3.88	62.64	5.85	11.47	10.04	
St. Louis, Mo.							
Spaulding's Dairy Feed	G. 20.00	4.00	50.00	....	....	10.00	Linseed meal, cottonseed meal, gluten feed, corn meal, rye feed, wheat bran, wheat middlings, mill run screenings, salt, calcium carbonate, molasses, bran, middlings.
F. B. Spaulding Co.	F. 23.42	4.55	55.15	6.58	10.30	7.31	
Lancaster, N. H.							
Spaulding's Special Dairy Feed	G. 20.00	3.50	50.00	....	....	12.00	Wheat bran, rye feed, corn meal, gluten feed, linseed meal, cottonseed meal, oat feed, molasses, salt, calcium carbonate.
F. B. Spaulding Co.	F. 21.05	3.78	59.18	7.02	8.97	10.54	
Lancaster, N. H.							
Hygrade Fitting Ration	G. 14.00	4.00	62.00	....	....	8.50	Gluten meal, gluten feed, linseed meal, soybean oil meal, brewers' grains, cottonseed meal, oats, corn meal, hominy feed, wheat middlings, wheat bran, molasses, bone meal, calcium carbonate, salt.
St. Albans Grain Co.	F. 18.65	4.47	60.20	7.00	9.68	6.78	
St. Albans, Vt.							
Hygrade 20 Milk Ration	G. 20.00	4.00	54.00	....	....	8.50	Linseed meal, cottonseed meal, brewers' grains, corn gluten meal, soybean oil meal, corn gluten feed, corn meal, oats, barley, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
St. Albans Grain Co.	F. 22.51	4.48	55.13	7.86	10.02	6.99	
St. Albans, Vt.							
Hygrade 24 Milk Ration Sweetened	G. 24.00	4.00	50.00	....	....	9.00	Gluten meal, gluten feed, linseed meal, soybean oil meal, cottonseed meal, brewers' grains, corn meal, oats, barley, wheat bran, wheat middlings, bone meal, calcium carbonate, salt, molasses.
St. Albans Grain Co.	F. **22.91**	4.01	55.53	7.68	9.87	6.18	
St. Albans, Vt.							
Utility Dairy Ration	G. 20.00	3.50	56.00	....	....	10.50	Linseed meal, corn gluten feed, cottonseed meal, corn meal, oats, barley, brewers' grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.
St. Albans Grain Co.	F. 20.09	3.29	59.41	8.29	8.92	8.94	
St. Albans, Vt.							
Utility 60 Pasture Ration	G. 14.00	3.00	60.00	....	....	9.86	Gluten meal, gluten feed, linseed meal, cottonseed meal, corn meal, barley, brewers' grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, molasses, calcium carbonate, salt.
St. Albans Grain Co.	F. 15.24	3.38	65.03	6.49	9.86	12.12	
St. Albans, Vt.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wirthmore 14 Fitting Ration St. Albans Grain Co. St. Albans, Vt.	G. 14.00 F. 15.59	4.00 4.43	65.00 62.21	.... 5.61	.... 12.16	7.00 5.86	Linseed meal, oats, barley, corn meal, wheat bran, wheat middlings, molasses, fish meal, bone meal, salt.
Wirthmore 25 Sweetened Balanced Ration St. Albans Grain Co. St. Albans, Vt.	G. 25.00 F. 25.00	4.75 4.55	55.00 53.96	.... 6.53	.... 9.96	8.50 7.30	Gluten meal, distillers' grains, linseed meal, brewers' grains, oats, cottonseed meal, gluten feed, corn meal, wheat middlings, wheat bran, bone meal, molasses, salt.
Wirthmore 20 Sweetened Dairy Feed St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 21.54	4.75 4.60	55.00 57.13	.... 5.84	.... 10.89	8.00 7.06	Gluten meal, distillers' grains, linseed meal, brewers' grains, cottonseed meal, gluten feed, corn meal, oats, wheat middlings, wheat bran, bone meal, molasses, salt.
Strafford County Dairy Feed Strafford County Grain Mill Rochester, N. H.	G. 18.00 F. 20.40	5.00 **4.17**	50.00 57.55	.... 9.61	.... 8.27	9.00 9.94	Wheat bran, corn meal, oats, linseed meal, gluten feed, cottonseed meal, salt, bone meal.
Gold Medal Dairy Ration Washburn Crosby General Mills Minneapolis, Minn.	G. 20.00 F. 21.01	5.00 **4.66**	60.00 57.04	.... 7.97	.... 9.32	8.50 7.16	Wheat bran, wheat middlings, mill run screenings, oats, corn meal, gluten feed, cottonseed meal, linseed meal, phosphated limestone, salt.
GLUTEN FEED							
Cream of Corn Gluten Feed American Maize Products Co. New York	G. 25.00 F. 26.31	2.00 3.60	58.50 57.20	.... 5.22	.... 7.67	8.50	
Clinton Corn Gluten Feed Clinton Corn Syrup Refining Co. Clinton, Iowa	G. 23.00 F. 30.07	2.00 3.23	57.00 51.67	.... 5.84	.... 9.19	8.50	

Buffalo Corn Gluten Feed	G. 23.00	2.00	57.00	....	....	8.50	
Corn Products Refining Co.	F. 25.57	2.39	57.72	5.89	8.43	....	
New York							
Douglas Corn Gluten Feed	G. 23.00	2.00	57.50	....	....	8.50	
Penick & Ford	F. 27.49	**1.37**	55.01	6.22	9.91	....	
Cedar Rapids, Iowa							
Staley's Corn Gluten Feed	G. 23.00	1.00	50.00	....	....	8.00	
A. E. Staley Mfg. Co.	F. 28.72	1.36	53.92	7.11	8.89	....	
Decatur, Ill.							
Union Corn Gluten Feed	G. 23.00	1.00	48.00	....	....	8.00	
Union Starch & Refining Co.	F. 28.83	1.93	54.41	6.19	8.64	....	
Columbus, Ind.							
GLUTEN MEAL							
Diamond Corn Gluten Meal	G. 40.00	1.00	42.00	....	....	4.00	
Corn Products Refining Co.	F. 43.73	1.00	44.65	1.11	9.51	....	
New York							
HOG FEED							
Emergency Hog Feed	G. 14.00	3.00	57.00	....	....	7.00	Tankage, cocoanut oil meal, corn meal, barley, wheat middlings, alfalfa meal, molasses, limestone, bone meal, salt.
Allied Mills, Inc.	F. 14.97	4.36	62.87	6.73	11.07	4.64	
Chicago, Ill.							
Barco Hog Feed	G. 15.00	5.00	57.00	....	....	6.00	Beef scraps, wheat middlings, linseed meal, alfalfa leaf meal, bone meal, limestone, salt.
G. N. Bartemus Co.	F. 16.59	5.02	60.18	7.50	10.71	5.39	
Concord, N. H.							
Larro Pork Maker	G. 25.00	5.00	45.00	....	....	10.00	Meat scraps, beet pulp, linseed meal, wheat middlings, grain screenings, alfalfa meal, wheat bran, corn germ meal, phosphatic limestone, salt.
Larrowe Milling Co.	F. 27.97	6.43	42.81	14.26	8.53	8.59	
Detroit, Mich.							
Wirthmore Pig and Hog Feed	G. 17.00	4.00	58.00	....	....	9.00	Beef scraps, fish meal, bone meal, wheat red dog flour, wheat middlings, wheat bran, linseed meal, alfalfa meal, corn meal, barley, gluten feed, calcium carbonate, molasses, salt.
St. Albans Grain Co.	F. 18.04	4.67	58.47	8.17	10.65	5.22	
St. Albans, Vt.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
HOMINY FEED							
Homco Hominy Feed	G. 10.00	7.00	61.00	....	....	6.00	
Decatur Milling Co.	F. 10.94	8.77	66.74	2.67	10.88	....	
Decatur, Ill.							
White Hominy Feed	G. 10.00	6.00	65.00	....	....	5.00	
Kellogg Company	F. 11.21	6.61	70.10	2.32	9.76	....	
Battle Creek, Mich.							
Hominy Feed	G. 10.00	5.00	60.00	....	....	5.00	
Patent Cereals Co.	F. 11.64	5.58	69.87	2.63	10.28	....	
Geneva, N. Y.							
White Hominy Feed	G. 10.00	5.00	69.00	....	....	5.00	
Quaker Oats Co.	F. 11.12	7.12	70.97	2.56	8.23	....	
Chicago, Ill.							
LINSEED MEAL							
Linseed Meal, Pure Old Process	G. 37.00	4.50	45.00	....	....	9.00	
Archer-Daniels Midland Co.	F. 38.35	4.86	42.26	5.52	9.01	....	
Minneapolis, Minn.							
Midland 30% Protein Animal Feed	G. 30.00	5.00	45.00	....	....	10.00	Linseed meal, screenings, oil feed.
Archer-Daniels Midland Co.	F. 31.92	5.67	46.53	6.20	9.68	....	
Minneapolis, Minn.							
Bisbee Brand Pure Old Process Linseed Meal	G. 34.00	5.00	42.00	....	....	10.00	
Bisbee Linseed Co.	F. 38.39	6.37	38.82	6.49	9.93	....	
Chicago Heights, Ill.							

Linseed Oil Cake Meal	G. 38.00	6.50	40.50	....	....	8.00
Dominion Linseed Oil Co.	F. 40.58	6.62	39.36	4.79	8.65	....
Montreal, Canada						
Pure Old Process Linseed Oil Meal	G. 34.00	5.00	....	....	....	9.00
Kelloggs & Miller	F. 37.65	5.64	41.01	6.62	9.08	....
Amsterdam, N. Y.						
Pure Old Process Linseed Meal	G. 34.00	5.00	40.00	....	....	10.00
Sherwin-Williams Co.	F. 39.40	5.51	39.46	5.16	10.47	....
Cleveland, Ohio						
Screwpress Linseed Oil Cake Meal	G. 35.00	6.50	37.00	....	....	8.00
Sherwin-Williams Co.	F. 33.63	7.68	44.69	5.77	8.23	....
Montreal, Canada						
Kellogg's 37% Protein Pure Old Process Linseed Meal	G. 37.00	5.00	45.00	....	....	10.00
Spencer Kellogg & Sons, Inc.	F. 39.49	5.00	39.59	5.50	10.42	....
Buffalo, N. Y.						
MEAT AND BONE SCRAP						
Corenco Meat and Bone Scrap	G. 45.00	6.00	....	....	....	....
Consolidated Rendering Co.	F. 50.48	10.52	....	29.78	6.02	....
Boston, Mass.						
Dow's Beef Scrap	G. 55.00	8.00	....	....	....	....
J. C. Dow, Inc.	F. 57.09	8.86	....	24.15	6.34	....
Cambridge, Mass.						
Dow's Beef Scrap	G. 45.00	8.00	....	....	....	....
J. C. Dow, Inc.	F. 46.32	9.55	....	35.15	7.08	....
Cambridge, Mass.						
Perfection Poultry Feed	G. 55.00	8.00	....	....	....	....
Lowell Rendering Co.	F. 57.40	9.22	....	23.57	5.01	....
Lowell, Mass.						
Manchester Special Poultry Feed	G. 50.00	8.00	....	....	....	....
Manchester Rendering Co.	F. 51.40	11.75	....	27.76	6.56	....
Manchester, N. H.						

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
Morse's Meat Scraps	G. 55.00	8.00	....	....	....	....	
Jas. F. Morse & Co. Somerville, Mass	F. 58.41	13.30	....	20.36	5.72	....	
Morse's 45% Meat Scraps	G. 45.00	8.00	....	....	....	....	
Jas. F. Morse & Co. Somerville, Mass.	F. 46.88	9.76	....	32.41	6.86	....	
Brighton Fifty Meat Scraps	G. 50.00	8.00	....	....	....	1.00	
New England Rendering Co. Brighton, Mass.	F. 51.01	12.84	....	27.71	5.43	....	
Portland Poultry Feed	G. 45.00	10.00	....	....	....	....	
Portland Rendering Co. Portland, Me.	F. 49.52	**9.22**	....	32.42	6.63	....	
Meat and Bone Scrap	G. 50.00	6.00	....	....	....	....	
John Reardon & Sons Co. Cambridge, Mass.	F. 50.52	9.84	....	32.49	5.24	....	
Meat and Bone Scrap	G. 45.00	6.00	....	....	....	....	
John Reardon & Sons Co. Cambridge, Mass.	F. 45.88	10.52	....	36.31	4.38	....	
Meat Scrap, Register Brand	G. 55.00	6.00	....	....	....	....	
John Reardon & Sons Co. Cambridge, Mass.	F. 57.53	9.71	....	26.23	4.90	....	
OAT FEED							
Alpine Ground Feeding Oatmeal	G. 14.00	5.00	....	....	....	3.90	
J. A. Forrest Minneapolis, Minn.	F. 20.00	5.10	55.88	6.93	12.09	6.56	

Oat Mill Feed Hecker-H-O Co. Buffalo, N. Y.	G. 6.00 F. 8.05	2.00 2.58	77.00 78.97	.... 5.77	.... 4.63	28.00 26.19	Oat middlings, oat shorts, oat hulls.
Re-Ground Oat Feed Northern Illinois Cereal Co. Lockport, Ill.	G. 3.50 F. 3.37	1.25 **0.98**	.... 81.92	.... 7.07	.... 6.66	35.00 33.10	Oat middlings, oat shorts, oat hulls.
Oat Feed Pratt Food Co. Buffalo, N. Y.	G. 4.00 F. 4.51	1.50 1.93	.... 81.52	.... 6.15	.... 5.89	30.00 29.31	Oat hulls, oat shorts, oat middlings.
Feeding Oatmeal Quaker Oats Co. Chicago, Ill.	G. 16.00 F. 15.62	6.00 6.68	69.00 66.66	.... 2.18	.... 8.86	4.00 2.20	Oat groats.
Sugared Vim Feed Quaker Oats Co. Chicago, Ill.	G. 5.00 F. 5.21	1.25 1.59	80.00 79.41	.... 6.74	.... 7.05	27.50 27.36	Oat middlings, oat shorts, oat hulls, molasses.
POULTRY FEED							
Empire Egg Mash Allied Mills, Inc. Chicago, Ill.	G. 16.50 F. 18.61	4.00 5.44	57.00 57.91	.... 7.03	.... 11.01	7.00 5.48	Buttermilk, skimmed milk, meat scraps, gluten meal, alfalfa meal, wheat bran, wheat middlings, corn meal, oats, limestone, salt, cod liver oil, sardine oil.
Red Feather Egg Mash Allied Mills, Inc. Chicago, Ill.	G. 18.00 F. 18.47	3.50 4.65	53.00 58.01	.... 8.31	.... 10.56	8.00 6.49	Meat scraps, wheat middlings, corn meal, soybean oil meal, alfalfa meal, oats, wheat bran, gluten feed, limestone, salt.
Wayne All Mash Grower Allied Mills, Inc. Chicago, Ill.	G. 16.00 F. 18.82	4.00 5.93	56.00 55.63	.... 9.32	.... 10.30	6.00 5.35	Buttermilk, skimmed milk, meat scraps, fish meal, wheat middlings, corn meal, oat meal, alfalfa meal, soybean oil meal, wheat bran, limestone, bone meal, salt, cod liver oil.
Wayne Broiler Ration Allied Mills, Inc. Chicago, Ill.	G. 18.00 F. 20.00	3.50 5.10	53.00 55.88	.... 6.93	.... 12.09	8.00 6.56	Buttermilk, skimmed milk, meat scraps, fish meal, corn meal, oat meal, wheat middlings, wheat bran, soybean oil meal, alfalfa meal, limestone, salt, cod liver oil, sardine oil.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wayne Egg Mash	G. 18.00	3.50	52.00	....	....	7.00	Buttermilk, skimmed milk, meat scraps, wheat middlings, fish meal, wheat bran, corn meal, oat meal, gluten feed, linseed meal, alfalfa meal, soybean oil meal, limestone, salt.
Allied Mills, Inc. Chicago, Ill.	F. 19.00	4.83	56.45	8.98	10.74	5.63	
Wayne Poultry Fattener	G. 13.50	4.00	62.00	....	....	7.00	Corn germ meal, hominy feed, oats, wheat middlings, wheat red dog flour, linseed meal, salt.
Allied Mills, Inc. Chicago, Ill.	F. 15.41	4.33	66.34	3.29	10.63	5.94	
Wayne Starter and Grower	G. 16.00	3.50	56.00	....	....	6.00	Buttermilk, skimmed milk, meat scraps, fish meal, wheat middlings, corn meal, linseed meal, alfalfa meal, soybean oil meal, wheat bran, oat meal, limestone, salt.
Allied Mills, Inc. Chicago, Ill.	F. 17.51	4.11	57.48	8.47	12.43	5.51	
Wayne Turkey Mash	G. 15.00	3.50	58.00	....	....	8.00	Buttermilk, skimmed milk, meat scraps, fish meal, wheat middlings, corn meal, linseed meal, oats, alfalfa meal, soybean oil meal, wheat bran, charcoal, limestone, bone meal, salt.
Allied Mills, Inc. Chicago, Ill.	F. 17.16	5.32	59.29	8.42	9.81	8.00	
Pennant Brand Chick Starter	G. 17.00	5.00	50.00	....	....	5.00	Wheat bran, corn meal, wheat middlings, oat groats, skimmed milk, beef scraps, charcoal, bone meal, alfalfa leaf meal, salt, cod liver oil.
E. W. Bailey & Co. Montpelier, Vt.	F. 17.82	**4.55**	60.81	6.63	10.19	3.83	
Pennant Brand Growing Feed	G. 15.00	5.00	50.00	....	....	5.00	Wheat bran, corn meal, wheat middlings, oat groats, skimmed milk, beef scraps, charcoal, bone meal, alfalfa leaf meal, salt, cod liver oil.
E. W. Bailey & Co. Montpelier, Vt.	F. 17.51	**4.55**	59.34	7.92	10.68	4.02	
Pennant Brand Laying Mash	G. 20.00	5.00	50.00	....	....	6.00	Cod liver oil, cod liver meal, hominy feed, corn meal, wheat middlings, gluten feed, oats, wheat bran, beef scraps, skimmed milk, alfalfa leaf meal, salt.
E. W. Bailey & Co. Montpelier, Vt.	F. 23.03	4.89	53.46	8.28	10.34	4.91	

Barco Special Broiler Mash	G.	17.00	4.00	47.00	....	....	5.00	Corn meal, wheat bran, wheat middlings, oat groats, skimmed milk, beef scraps, fish meal, alfalfa leaf meal, bone meal, limestone, salt, cod liver oil.
G. N. Bartemus Co.	F.	19.88	4.56	57.61	7.74	10.21	3.66	
Concord, N. H.								
Barco Special Growing Feed	G.	14.00	5.00	40.00	....	....	5.00	Wheat bran, wheat middlings, oat groats, skimmed milk, beef scraps, charcoal, bone meal, alfalfa meal, salt.
G. N. Bartemus Co.	F.	19.26	4.51	57.49	8.62	10.12	4.32	
Concord, N. H.								
Barco Special Mash Feed	G.	20.00	5.00	50.00	....	....	6.00	Hominy, gluten feed, wheat middlings, oats, wheat bran, beef scraps, skimmed milk, alfalfa leaf meal, salt.
G. N. Bartemus Co.	F.	24.04	5.00	53.06	8.09	9.81	4.96	
Concord, N. H.								
Dunbar's Special Mash Feed	G.	20.00	5.00	50.00	....	....	6.00	Hominy, gluten feed, wheat middlings, oats, wheat bran, beef scraps, skimmed milk, alfalfa leaf meal.
G. N. Bartemus Co.	F.	24.08	5.13	53.31	8.41	9.07	5.22	
Concord, N. H.								
Beacon Breeders' Mash with Buttermilk	G.	19.00	4.00	47.00	....	....	7.00	Skimmed milk, buttermilk, meat scraps, fish meal, alfalfa leaf meal, corn meal, oats, barley, corn gluten meal, wheat bran, wheat middlings, soybean oil meal, cod liver oil, salt, calcium carbonate, calcium phosphate, linseed meal.
Beacon Milling Co.	F.	21.45	5.06	53.43	10.78	9.28	6.49	
Cayuga, N. Y.								
Beacon Broiler Feed	G.	15.00	4.00	52.00	....	....	6.00	Skimmed milk, meat scraps, fish meal, corn meal, oats, barley, wheat bran, mill run screenings, linseed meal, wheat red dog flour, alfalfa leaf meal, cod liver oil, calcium carbonate, calcium phosphate, salt.
Beacon Milling Co.	F.	19.22	5.18	56.22	8.67	10.71	4.45	
Cayuga, N. Y.								
Beacon's Cayuga Growing Mash	G.	16.00	4.00	50.00	....	....	7.00	Skimmed milk, fish meal, meat scraps, linseed meal, corn meal, barley, oats, wheat bran, wheat middlings, alfalfa leaf meal, calcium carbonate, calcium phosphate, salt, mill run screenings.
Beacon Milling Co.	F.	18.12	5.11	57.49	10.07	9.21	6.00	
Cayuga, N. Y.								
Beacon's Cayuga Laying Mash with Buttermilk	G.	20.00	4.00	54.00	....	....	7.00	Buttermilk, skimmed milk, fish meal, meat scraps, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, soybean oil meal, barley, corn gluten meal, oats, calcium carbonate, calcium phosphate, salt, cod liver oil.
Beacon Milling Co.	F.	21.19	4.80	53.46	11.12	9.43	6.18	
Cayuga, N. Y.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Beacon Complete Starting Ration Beacon Milling Co. Cayuga, N. Y.	G. 16.50 F. 19.04	4.00 4.94	50.00 55.99	.... 9.32	.... 10.71	6.00 4.73	Skimmed milk, meat scraps, fish meal, corn meal, oats, barley, wheat bran, linseed meal, wheat red dog flour, alfalfa leaf meal, cod liver oil, calcium carbonate, calcium phosphate, salt.
Beacon Egg Mash with Buttermilk Beacon Milling Co. Cayuga, N. Y.	G. 21.00 F. 23.21	4.50 5.11	51.00 51.47	.... 11.02	.... 9.19	7.00 6.03	Buttermilk, skimmed milk, meat scraps, fish meal, corn gluten meal, soybean oil meal, barley, oats, corn meal, alfalfa leaf meal, wheat middlings, mill run screenings, wheat bran, cod liver oil, calcium carbonate, calcium phosphate, salt, protozyme, linseed meal.
Beacon Growing Mash Beacon Milling Co. Cayuga, N. Y.	G. 17.00 F. 19.39	4.00 4.81	50.00 57.12	.... 9.94	.... 8.74	7.00 6.21	Skimmed milk, meat scraps, fish meal, linseed meal, oats, barley, corn meal, wheat red dog, alfalfa leaf meal, wheat bran, wheat middlings, mill run screenings, calcium carbonate, calcium phosphate, salt.
Belknap Everlaying Mash Belknap County Farmers' Exchange Laconia, N. H.	G. 17.00 F. 20.27	4.00 4.58	45.00 57.21	.... 7.41	.... 10.53	8.00 4.19	Corn meal, wheat bran, wheat middlings, meat scraps, oat groats, gluten feed, skimmed milk, fish meal, alfalfa leaf meal, salt, cod liver oil.
Bidwell Dry Mash Black Rock Milling Corp. Buffalo, N. Y.	G. 18.00 F. 20.49	3.00 4.60	50.00 56.85	.... 7.42	.... 10.64	8.50 5.40	Buttermilk, cod liver oil, alfalfa meal, corn meal, wheat bran, wheat middlings, fish meal, meat, bone, linseed meal, gluten meal, soybean meal, calcium carbonate, salt, kaffir corn, barley, buckwheat.
Chase Growing Mash David C. Chase Smithtown, N. H.	G. 15.00 F. 17.77	5.00 5.00	50.00 58.26	.... 9.05	.... 9.92	9.00 6.04	Corn meal, oat meal, wheat bran, wheat middlings, meat scraps, bone meal, charcoal, salt, buttermilk.

Chase Laying Mash	G. 19.00	5.00	48.00	....	....	8.00	Corn meal, oat meal, wheat bran, wheat middlings, meat scraps, corn gluten feed, buttermilk, salt, charcoal.
David C. Chase	F. 21.84	4.94	54.60	9.30	9.32	6.74	
Smithtown, N. H.							
Coweco Laying Mash	G. 20.00	4.00	45.00	....	....	7.50	Wheat bran, wheat middlings, oat meal, gluten feed, linseed meal, meat scraps, fish meal, corn meal, milk, alfalfa leaf meal, bone meal, calcium carbonate, salt, soybean oil meal, cod liver oil.
E. A. Cowee Co.	F. 22.20	5.23	49.72	13.16	9.69	4.78	
Fitchburg, Mass.							
Coweco Sunrise Laying Mash	G. 16.00	3.50	50.00	....	....	8.00	Wheat bran, wheat middlings, corn meal, hominy, oat meal, gluten feed, soybean meal, meat scraps, alfalfa meal, bone meal, calcium carbonate, salt.
E. A. Cowee Co.	F. 19.96	5.07	51.76	13.38	9.83	6.57	
Fitchburg, Mass.							
Crosby's Egg Mash	G. 20.00	4.00	50.00	....	....	7.00	Buttermilk, skimmed milk, fish meal, meat scraps, gluten feed, linseed meal, alfalfa leaf meal, corn, oats, barley, buckwheat, wheat bran, wheat middlings, mill run screenings, calcium carbonate, salt.
Crosby Milling Co.	F. 21.58	4.90	51.20	12.25	10.07	5.10	
Brattleboro, Vt.							
C Laying Mash	G. 15.00	4.00	55.00	....	....	8.50	Corn meal, wheat bran, wheat middlings, oats, meat scraps, bone meal, alfalfa meal, salt.
J. Cushing Co.	F. 18.13	4.92	56.40	9.69	10.86	6.42	
Fitchburg, Mass.							
Quality Baby Chick Starter	G. 16.00	4.00	60.00	....	....	6.00	Cod liver oil, oat meal, corn meal, wheat bran, wheat middleings, alfalfa leaf meal, buttermilk, fish scraps, linseed meal, bone meal, calcium carbonate.
J. Cushing Co.	F. 20.62	5.14	55.73	8.08	10.43	5.18	
Fitchburg, Mass.							
College Formula Laying Mash	G. 17.50	4.50	50.00	....	....	7.00	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, skimmed milk, fish meal, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.
Delaware Mills, Inc.	F. 17.25	5.26	59.50	7.15	10.84	5.81	
Deposit, N. Y.							
Delaware All Mash Chick Food	G. 14.00	4.00	50.00	....	....	6.00	Cod liver oil, skimmed milk, meat scraps, fish meal, oat meal, linseed meal, alfalfa leaf meal, corn meal, wheat bran, wheat middlings, wheat meal, bone meal, calcium phosphate,
Delaware Mills, Inc.	F. 16.42	6.26	59.09	7.92	10.31	4.95	
Deposit, N. Y.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Delaware All Mash Laying Food	G. 15.00	4.00	60.00	....	....	6.00	Cod liver oil, skimmed milk, meat scraps, bone meal, fish meal, linseed meal, corn gluten feed, corn meal, wheat bran, wheat middlings, wheat red dog flour, oat meal, barley, alfalfa leaf meal, calcium phosphate, salt.
Delaware Mills, Inc. ..... Deposit, N. Y.	F. 17.34	5.93	59.71	7.17	9.85	5.34	
Delaware Broiler Mash	G. 17.00	5.00	50.00	....	....	6.00	Cod liver oil, skimmed milk, meat scraps, alfalfa leaf meal, corn meal, wheat bran, wheat middlings, wheat meal, barley, oats, corn gluten meal, calcium phosphate, salt.
Delaware Mills, Inc. ..... Deposit, N. Y.	F. 17.69	6.11	57.85	8.12	10.23	4.99	
Delaware Growing Mash	G. 17.00	5.00	50.00	....	....	6.00	Cod liver oil, skimmed milk, alfalfa leaf meal, meat scraps, fish meal, bone meal, linseed meal, corn gluten feed, corn feed meal, wheat bran, wheat middlings, wheat flour middlings, oat meal, wheat meal, calcium phosphate, salt.
Delaware Mills, Inc. ..... Deposit, N. Y.	F. 17.64	5.80	59.25	7.05	10.26	5.43	
Delaware Laying Mash	G. 20.00	5.00	50.00	....	....	6.00	Cod liver oil, skimmed milk, meat scraps, bone meal, fish meal, linseed meal, corn gluten feed, corn feed meal, wheat bran, wheat middlings, wheat red dog flour, oat meal, barley, alfalfa leaf meal, calcium carbonate, salt.
Delaware Mills, Inc. ..... Deposit, N. Y.	F. 20.40	5.99	53.98	9.22	10.41	5.73	
Indian Laying Mash	G. 18.00	5.00	50.00	....	....	7.00	Skimmed milk, meat scraps, fish meal, bone meal, linseed meal, gluten feed, alfalfa meal, wheat bran, wheat middlings,, corn feed meal, barley, oat meal, calcium phosphate, salt.
Delaware Mills, Inc. ..... Deposit, N. Y.	F. 18.08	5.57	57.48	7.51	11.36	5.23	

D & G Breeder Mash	G.	19.00	5.00	53.00	....	....	9.00	Wheat bran, wheat middlings, corn feed meal, oats, alfalfa leaf meal, fish meal, meat scraps, peanut meal, buttermilk, malt flour, bone meal, cod liver oil, calcium carbonate, salt.
Dietrich & Gambrill, Inc.	F.	21.45	5.53	53.12	9.96	9.94	6.51	
Frederick, Md.								
Frederick Laying Mash	G.	18.00	3.50	53.00	....	....	8.00	Wheat bran, wheat middlings, corn feed meal, oats, gluten meal, meat scraps, fish meal, alfalfa meal, cottonseed meal, bone meal, calcium carbonate, salt, buttermilk, cod liver oil.
Dietrich & Gambrill, Inc.	F.	20.44	5.30	55.23	8.95	10.08	6.26	
Frederick, Md.								
Gambrill's Laying Mash	G.	20.00	5.00	51.00	....	....	7.00	Wheat bran, wheat middlings, corn feed meal, linseed meal, oats, alfalfa leaf meal, gluten meal, malt flour, meat scraps, fish meal, buttermilk, bone meal, calcium carbonate, salt.
Dietrich & Gambrill, Inc.	F.	22.20	4.89	53.70	9.00	10.21	5.99	
Frederick, Md.								
Eastern States Developer Mash	G.	18.50	4.00	53.00	....	....	6.50	Corn meal, wheat bran, wheat flour middlings, barley, oats, skimmed milk, soybean oil meal, alfalfa leaf meal, meat scraps, fish meal, dicalcium phosphate, oyster shell meal, sardine oil, salt.
Eastern States Farmers' Exchange	F.	18.91	5.24	57.48	7.56	10.81	5.18	
Springfield, Mass.								
Eastern States Milk Egg Mash	G.	17.00	4.00	53.00	....	....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, skimmed milk, oyster shell meal, cod liver oil, dicalcium phosphate, salt.
Eastern States Farmers' Exchange	F.	17.91	5.64	57.41	8.91	10.13	5.07	
Springfield, Mass.								
Eastern States Producer Mash	G.	17.00	4.00	53.00	....	....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, skimmed milk, oyster shell meal, sardine oil, dicalcium phosphate, salt.
Eastern States Farmers' Exchange	F.	18.04	5.64	56.43	8.99	10.90	4.92	
Springfield, Mass.								
Eastern States Starting and Broiler Ration	G.	18.50	4.00	53.00	....	....	5.00	Corn meal, wheat bran, wheat flour middlings, oat groats, skimmed milk, alfalfa leaf meal, meat scraps, fish meal, oyster shell meal, salt, sardine oil, dicalcium phosphate.
Eastern States Farmers' Exchange	F.	19.39	5.08	57.31	7.81	10.41	4.02	
Springfield, Mass.								
Cushing's Laying Mash	G.	20.00	5.00	45.00	....	....	7.00	Wheat middlings, wheat bran, corn feed meal, oats, alfalfa meal, gluten feed, linseed meal, meat scraps, fish meal, buttermilk, skimmed milk, limestone, bone meal, salt.
John W. Eshelman & Sons	F.	21.27	5.27	53.50	10.48	9.48	6.20	
Lancaster, Pa.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Eshelman Red Rose Growing Mash..... John W. Eshelman & Sons..... Lancaster, Pa.	G. 16.00 F. 18.91	4.00 5.77	55.00 59.54	.... 6.23	.... 9.55	7.00 6.10	Wheat middlings, corn meal, wheat bran, meat scraps, gluten feed, oat meal, hominy feed, linseed meal, fish meal, buttermilk, milk sugar feed, alfalfa meal, salt.
Eshelman Red Rose Laying Mash..... John W. Eshelman & Sons..... Lancaster, Pa.	G. 20.00 F. 22.90	5.00 6.32	50.00 51.30	.... 9.20	.... 10.28	7.00 5.88	Wheat middlings, corn meal, meat scraps, wheat bran, gluten feed, oats, linseed meal, fish meal, hominy feed, alfalfa meal, buttermilk, salt.
Diamond C. Mash ..... Farm Service Stores, Inc. ..... Fitchburg, Mass.	G. 15.00 F. 18.69	4.00 4.44	55.00 54.79	.... 10.95	.... 11.13	8.50 7.56	Corn meal, wheat bran, wheat middlings, oat meal, beef scraps, alfalfa meal, salt, bone meal.
Henfield Egg Mash ..... First National Stores ..... Somerville, Mass.	G. 20.00 F. 21.19	5.00 5.12	50.00 58.37	.... 5.87	.... 9.45	7.00 7.24	Cod liver oil, meat scraps, fish meal, buttermilk, alfalfa meal, oats, hominy, corn meal, wheat middlings, wheat bran, wheat flour middlings, gluten feed, linseed meal, bone meal, calcium carbonate, salt.
Grandin's Growing Mash ..... D. H. Grandin Milling Co. ..... Jamestown, N. Y.	G. 15.00 F. 16.37	4.00 4.43	50.00 53.55	.... 14.29	.... 11.36	8.00 5.27	Meat and bone scraps, buttermilk, gluten feed, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, oat meal, alfalfa meal, bone meal, calcium carbonate, salt, cod liver oil.
Grandin's Laying Mash ..... D. H. Grandin Milling Co. ..... Jamestown, N. Y.	G. 20.00 F. 21.71	4.00 4.94	50.00 49.00	.... 14.74	.... 9.61	8.00 5.39	Fish, meat and bone scraps, corn gluten feed, corn gluten meal, wheat bran, wheat middlings, mill run screenings, corn meal, corn feed meal, hominy feed, oats, buttermilk, alfalfa meal, calcium carbonate, salt, cod liver oil.

Daily Egg Mash Feed	G. 20.00	4.50	56.00	....	....	7.00	Oats, barley, soybean oil meal, linseed meal, gluten meal, wheat middlings, wheat bran, alfalfa meal, corn feed meal, buttermilk, skimmed milk, meat and bone scrap, fish meal, cod liver oil, cod liver meal, limestone, bone meal, salt.
Great Atlantic & Pacific Tea Co.	F. 22.59	4.60	51.42	10.89	10.50	5.17	
New York							
Red Comb Egg Mash	G. 18.00	4.00	56.00	....	....	7.00	Corn feed meal, oat meal, wheat bran, wheat middlings, gluten feed, meat scraps, alfalfa meal, soybean meal, buttermilk, calcium carbonate, rock phosphate, salt, bone meal, charcoal.
Hales & Hunter Co.	F. 20.13	5.41	55.75	8.94	9.77	6.44	
Chicago, Ill.							
Cheshire County Mash	G. 18.00	4.00	50.00	....	....	5.00	Wheat bran, corn meal, gluten feed, beef scraps, wheat middlings, alfalfa leaf meal, oat meal, calcium carbonate, salt.
E. C. & W. L. Hopkins, Inc.	F. 19.48	4.84	56.07	9.32	10.29	5.20	
Greenfield, N. H.							
Granite State Chick Starter	G. 15.00	3.00	66.00	....	....	3.00	Corn, wheat, oats, alfalfa leaf meal, meat scraps, manamar, dried ground fish, dried ground kelp, calcium carbonate, salt, skimmed milk, charcoal.
E. C. & W. L. Hopkins, Inc.	F. 17.82	3.59	58.36	10.20	10.03	4.53	
Greenfield, N. H.							
Granite State Egg Mash	G. 19.00	4.00	50.00	....	....	4.50	Corn meal, wheat middlings, wheat bran, barley meal, meat scraps, alfalfa leaf meal, manamar, calcium carbonate, salt.
E. C. & W. L. Hopkins, Inc.	F. 21.58	5.43	51.66	10.71	10.62	4.82	
Greenfield, N. H.							
New Hampshire Laying Mash	G. 17.00	4.00	55.00	....	....	5.00	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, milk, fish meal, alfalfa leaf meal, calcium carbonate, salt.
E. C. & W. L. Hopkins, Inc.	F. 19.31	4.71	55.68	10.13	10.17	4.91	
Greenfield, N. H.							
New Hampshire Starting and Growing Feed	G. 17.50	4.00	55.00	....	....	4.00	Corn meal, wheat bran, wheat flour middlings, oat groats, meat scraps, milk, fish meal, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.
E. C. & W. L. Hopkins, Inc.	F. 19.09	4.47	58.16	7.94	10.34	4.36	
Greenfield, N. H.							
Jersee Milk Food Compound	G. 9.00	4.50	56.00	....	....	6.00	Skimmed milk, locust bean meal, salt, wheat red dog flour, calcium phosphate, dried blood.
Jersee Co.	F. 18.24	**3.61**	61.65	5.11	11.39	2.12	
Minneapolis, Minn.							
Just Right Egg Mash	G. 20.00	4.00	52.00	....	....	8.00	Meat scraps, charcoal, bone meal, salt, wheat middlings, wheat bran, oats, corn, milk, St. John's bread, calcium phosphate, anise, dried blood, fish meal, alfalfa meal.
Jersee Co.	F. 20.79	5.54	54.97	8.86	9.84	8.24	
Minneapolis, Minn.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Johnson's Mash Feed	G. 19.00	4.25	55.00	....	....	7.00	Corn meal, oats, wheat middlings, wheat bran, meat scraps, calf meal, gluten feed, alfalfa meal, charcoal, buttermilk, calcite flour, bone meal, salt.
Ralph P. Johnson	F. 19.70	4.85	55.29	9.96	10.20	5.90	
Potter Place, N. H.							
All-Mash Chick Food	G. 17.00	4.00	55.00	....	....	5.50	Wheat red dog flour, oat meal, wheat middlings, wheat bran, corn meal, meat scraps, fish meal, bone meal, linseed meal, buttermilk, skimmed milk, salt, calcite, cod liver oil, alfalfa leaf meal, mill run screenings.
Kasco Mills, Inc.	F. 17.64	5.11	57.62	8.54	11.09	4.66	
Waverly, N. Y.							
All-Mash Laying Food	G. 15.00	4.00	55.00	....	....	6.00	Wheat bran, wheat middlings, corn meal, linseed meal, soybean meal, oat meal, barley, wheat red dog flour, meat scraps, bone meal, fish meal, buttermilk, skimmed milk, salt, calcite, cod liver oil, alfalfa meal, mill run screenings.
Kasco Mills, Inc.	F. 15.81	5.62	59.06	7.06	12.45	4.77	
Waverly, N. Y.							
Apex Complete Growing Mash	G. 14.00	4.00	55.00	....	....	8.50	Wheat bran, wheat middlings, corn meal, linseed meal, oats, meat scraps, bone meal, fish meal, skimmed milk, salt, calcite, cod liver oil, alfalfa meal, mill run screenings.
Kasco Mills, Inc.	F. 16.64	5.14	60.00	8.24	9.98	5.87	
Waverly, N. Y.							
Apex Laying Mash	G. 20.00	4.00	50.00	....	....	8.50	Wheat bran, wheat middlings, corn meal, linseed meal, soybean meal, oats, meat scraps, bone meal, fish meal, buttermilk, skimmed milk, salt, calcite, cod liver oil, alfalfa meal, mill run screenings.
Kasco Mills, Inc.	F. 21.19	5.73	50.43	12.19	10.46	6.29	
Waverly, N. Y.							
Laying Mash	G. 20.00	4.00	50.00	....	....	6.50	Wheat bran, wheat middlings, corn meal, linseed meal, soybean meal, oat meal, wheat red dog flour, meat scraps, bone meal, fish meal, buttermilk, skimmed milk, salt, calcite, cod liver oil, alfalfa meal, mill run screenings.
Kasco Mills, Inc.	F. 20.66	5.11	53.53	10.25	10.45	5.38	
Waverly, N. Y.							

Poultry Flushing Mash	G. 17.00	4.00	55.00	....	....	5.50	Wheat red dog flour, oat meal, wheat middlings, wheat bran, corn meal, meat scraps, fish meal, bone meal, linseed meal, milk sugar feed, salt, calcite, cod liver oil, alfalfa leaf meal, mill run screenings.
Kasco Mills, Inc.	F. 18.69	4.95	58.34	8.65	9.37	4.17	
Waverly, N. Y.							
Larro Chick Starter	G. 16.50	4.50	58.00	....	....	5.00	Oat meal, corn meal, wheat middlings, grain screenings, skimmed milk, buttermilk, meat and bone scraps, wheat bran, alfalfa meal, cod liver oil, salt, limestone.
Larrowe Milling Co.	F. 17.98	4.54	58.47	7.64	11.37	4.02	
Detroit, Mich.							
Larro Egg Mash	G. 19.00	5.00	52.50	....	....	7.50	Oat meal, wheat middlings, grain screenings not exceeding mill run, corn meal, alfalfa meal, wheat bran, meat and bone scraps, buttermilk, skimmed milk, cod liver oil, phosphatic limestone, salt.
Larrowe Milling Co.	F. 20.14	5.03	54.32	11.60	8.91	6.46	
Detroit, Mich.							
Larro Growing Mash	G. 16.00	4.50	56.50	....	....	6.50	Corn meal, oat meal, wheat bran, wheat middlings, grain screenings, meat and bone scraps, buttermilk, skimmed milk, alfalfa meal, cod liver oil, limestone, salt.
Larrowe Milling Co.	F. 17.34	4.61	58.22	8.46	11.37	4.95	
Detroit, Mich.							
Larro Poultry Fattening Feed	G. 14.00	4.00	60.50	....	....	7.50	Oat meal, corn meal, wheat middlings, grain screenings, beet pulp, buttermilk, skimmed milk, wheat bran, alfalfa meal, meat and bone scraps, salt, dicalcium phosphate.
Larrowe Milling Co.	F. 16.64	4.63	59.20	8.36	11.17	5.94	
Detroit, Mich.							
Larro Turkey and Game Bird Developer	G. 18.50	4.50	51.50	....	....	6.50	Corn meal, oat meal, alfalfa meal, wheat bran, wheat middlings, grain screenings, meat and bone scraps, skimmed milk, buttermilk, cod liver oil, salt, phosphatic limestone.
Larrowe Milling Co.	F. 19.79	5.99	53.02	11.74	9.46	6.92	
Detroit, Mich.							
B-B All Mash Broiler and Growing Ration	G. 15.00	4.00	....	....	....	7.00	Cod liver oil, milk sugar feed, buttermilk, alfalfa leaf meal, wheat bran, wheat middlings, corn meal, oat meal, soybean meal, meat meal, fish meal, bone meal, calcium carbonate, salt.
Maritime Milling Co.	F. 16.73	5.83	59.61	7.49	10.34	5.56	
Buffalo, N. Y.							
B-B Daisy Egg Mash	G. 18.00	3.50	55.00	....	....	7.00	Buttermilk, alfalfa meal, wheat bran, wheat middlings, soybean oil meal, corn meal, barley, oats, meat meal, fish meal, bone meal, calcium carbonate, salt, mill run screenings, cod liver oil.
Maritime Milling Co.	F. 19.04	5.50	56.01	8.10	11.35	6.33	
Buffalo, N. Y.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Arthur's Mash	G. 14.00	4.00	60.00	....	....	7.00	Corn, wheat, fish meal, skimmed milk, alfalfa meal, beef scraps, wheat bran, bone meal, cod liver oil, linseed meal, charcoal, oyster shells, salt.
McQuesten & Lewis Co. Manchester, N. H.	F. 16.24	4.54	58.98	9.13	11.11	5.11	
Merrimack Growing Mash	G. 17.00	4.25	50.00	....	....	5.00	Corn meal, wheat bran, wheat red dog flour, wheat middlings, oat groats, alfalfa leaf meal, milk, fish meal, meat scraps, bone meal, calcium carbonate, salt.
Merrimack Farmers' Exchange Concord, N. H.	F. 18.43	4.83	55.59	10.06	11.09	4.20	
Merrimack Laying Mash with Milk	G. 17.00	4.25	50.00	....	....	5.00	Corn meal, wheat bran, wheat middlings, oats, alfalfa leaf meal, fish meal, milk, meat scraps, bone meal, calcium carbonate, salt, cod liver oil.
Merrimack Farmers' Exchange Concord, N. H.	F. 17.64	4.56	59.04	8.09	10.67	3.67	
Merrimack Special Egg Mash	G. 18.00	5.00	50.00	....	....	8.00	Corn meal, oats, wheat bran, wheat middlings, meat scraps, calcite flour, salt.
Merrimack Farmers' Exchange Concord, N. H.	F. 18.39	5.18	55.82	9.97	10.34	4.96	
Merrimack Super Mash	G. 18.00	5.00	50.00	....	....	5.00	Corn meal, oat groats, wheat middlings, wheat bran, alfalfa leaf meal, meat scraps, fish meal, milk, bone meal, salt, calcium carbonate.
Merrimack Farmers' Exchange Concord, N. H.	F. 18.61	4.52	57.75	9.16	9.96	3.76	
New England Buttermilk Egg Mash	G. 20.00	5.00	50.00	....	....	8.00	Oat meal, corn meal, wheat bran, wheat middlings, gluten meal, meat and bone meal, alfalfa leaf meal, buttermilk, fish meal, calcium carbonate, salt, cod liver oil.
New England Grain Co. Portland, Me.	F. 21.23	5.82	53.04	10.17	9.71	4.93	
Broiler Ration	G. 16.00	3.50	50.00	....	....	5.00	Buttermilk, cod liver oil, corn meal, barley, oats, wheat bran, wheat middlings, meat scraps, fish meal, linseed meal, alfalfa leaf meal, calcium carbonate, salt.
Park & Pollard Co. Boston, Mass.	F. 16.94	4.43	60.94	6.90	10.79	5.67	

Lay or Bust Dry Mash Park & Pollard Co. Boston, Mass.	G. 18.00 F. 20.18	3.00 4.81	50.00 56.36	.... 7.02	.... 11.63	7.00 5.57	Buttermilk, alfalfa leaf meal, gluten meal, fish meal, meat and bone scraps, linseed meal, soybean meal, wheat bran, wheat middlings, mill run screenings, calcium carbonate, salt, corn, wheat, oats, barley, kaffir corn, buckwheat.
Quaker Ful-O-Pep Egg Mash Quaker Oats Co. Chicago, Ill.	G. 20.00 F. 20.14	4.50 5.34	53.00 57.27	.... 8.21	.... 9.04	8.00 5.99	Oat meal, hominy feed, wheat bran, wheat middlings, barley meal, fish meal, cod liver meal, meat scraps, skimmed milk, buttermilk, molasses, alfalfa meal, salt.
Purina All Mash Egg Chowder Ralston Purina Co. St. Louis, Mo.	G. 15.50 F. 17.07	3.50 4.40	55.00 58.32	.... 10.79	.... 9.42	8.00 5.54	Buttermilk, cod liver oil, meat scraps, soybean oil meal, alfalfa meal, wheat middlings, wheat bran, corn meal, salt, calcium carbonate.
Purina All Mash Startena Chow Ralston Purina Co. St. Louis, Mo.	G. 18.00 F. 21.36	4.00 5.30	53.00 54.36	.... 8.45	.... 10.53	7.00 4.91	Buttermilk, cod liver oil, meat scraps, fish meal, alfalfa leaf meal, wheat germ meal, linseed meal, corn germ meal, oat middlings, corn meal, wheat bran, wheat middlings, calcium carbonate, salt.
Purina Breeder Egg Chowder Ralston Purina Co. St. Louis, Mo.	G. 19.00 F. 21.23	3.50 5.02	52.00 53.10	.... 9.94	.... 10.71	8.00 6.98	Buttermilk, cod liver oil, alfalfa leaf meal, meat scraps, soybean oil meal, linseed meal, corn germ meal, wheat middlings, wheat bran, corn meal, alfalfa meal, salt, calcium carbonate.
Purina Egg Chowder Ralston Purina Co. St. Louis, Mo.	G. 19.00 F. 21.01	3.50 4.96	52.00 54.09	.... 9.66	.... 10.28	8.00 7.91	Meat scraps, soybean oil meal, linseed meal, alfalfa leaf meal, corn germ meal, wheat middlings, wheat bran, corn meal, alfalfa meal, iodized salt, calcium carbonate.
Purina Lay Chow Ralston Purina Co. St. Louis, Mo.	G. 17.00 F. 19.31	2.50 4.32	54.00 56.59	.... 9.27	.... 10.51	8.00 6.22	Soybean oil meal, meat scraps, molasses, alfalfa meal, corn meal, wheat middlings, wheat bran, salt, calcium carbonate.
Wirthmore All-Purpose Chick and Broiler Ration St. Albans Grain Co. St. Albans, Vt.	G. 17.50 F. 20.27	4.00 4.28	58.00 60.29	.... 5.23	.... 9.93	5.50 4.14	Corn meal, wheat bran, wheat middlings, oat groats, meat scraps, fish meal, alfalfa meal, linseed meal, skimmed milk, calcium carbonate, salt, cod liver meal, cod liver oil.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wirthmore Breeder Mash St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 21.14	4.50 4.50	50.00 55.48	.... 8.54	.... 10.34	7.00 4.99	Cod liver oil, buttermilk, skimmed milk, meat scraps, fish meal, corn meal, corn germ meal, alfalfa leaf meal, linseed meal, corn gluten meal, wheat bran, wheat middlings, oats, barley, calcium carbonate, salt.
Wirthmore Complete Ration for Layers St. Albans Grain Co. St. Albans, Vt.	G. 15.00 F. 17.51	4.00 4.68	60.00 61.86	.... 5.99	.... 9.96	5.00 4.58	Cod liver oil, skimmed milk, beef scraps, fish meal, oat groats, corn, alfalfa leaf meal, wheat bran, wheat middlings, calcium carbonate, salt.
Wirthmore Duck Breeders' Laying Mash St. Albans Grain Co. St. Albans, Vt.	G. 19.00 F. 21.45	4.00 4.23	54.00 54.73	.... 9.40	.... 10.19	5.00 4.77	Corn meal, wheat bran, wheat middlings, wheat flour, oat groats, meat scraps, cod liver meal, fish meal, alfalfa leaf meal, bone meal, calcium carbonate, charcoal, salt.
Wirthmore Growing Mash St. Albans Grain Co. St. Albans, Vt.	G. 15.00 F. 18.95	4.50 4.60	55.00 57.13	.... 8.69	.... 10.63	6.00 5.08	Buttermilk, skimmed milk, beef scraps, fish meal, bone meal, corn meal, alfalfa leaf meal, linseed meal, oats, barley, milo maize, wheat bran, wheat middlings, calcium carbonate, salt, wheat red dog flour.
Wirthmore Laying Mash St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 21.01	4.00 4.65	50.00 54.62	.... 9.68	.... 10.04	7.00 4.89	Cod liver oil, buttermilk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, corn gluten feed, wheat bran, wheat middlings, oats, barley, buckwheat, milo maize, calcium carbonate, salt, skimmed milk.
Wirthmore Turkey Growing Feed St. Albans Grain Co. St. Albans, Vt.	G. 18.00 F. 17.89	4.50 5.53	55.00 58.70	.... 6.71	.... 11.17	6.00 4.75	Buttermilk, skimmed milk, beef scraps, fish meal, bone meal, corn meal, corn germ meal, wheat bran, wheat middlings, wheat red dog flour, oats, barley, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.

Strafford County Mash	G. 17.00	5.00	57.00	....	....	10.00	Wheat bran, wheat middlings, oats, corn meal, gluten feed, meat scraps, hominy, cod liver oil, molasses, skimmed milk, fish meal.
Strafford County Grain Mill Rochester, N. H.	F. 21.89	4.75	49.88	14.52	8.96	5.52	
Ubiko All-Mash Complete Laying Ration	G. 16.00	3.50	56.00	....	....	6.00	Cod liver oil, milk sugar feed, meat scraps, alfalfa leaf meal, wheat bran, wheat middlings, oat meal, corn meal, gluten feed, linseed meal, calcium carbonate, dicalcium phosphate, salt.
Ubiko Milling Co. Cincinnati, Ohio	F. 17.47	4.27	59.36	8.84	10.06	5.09	
Ubiko All-Mash Developer	G. 14.00	4.00	55.00	....	....	5.00	Cod liver oil, milk sugar feed, meat scraps, alfalfa leaf meal, wheat bran, wheat middlings, oat meal, corn meal, linseed meal, salt, calcium carbonate, dicalcuim phosphate.
Ubiko Milling Co. Cincinnati, Ohio	F. 16.11	4.78	61.63	7.74	9.74	4.28	
Ubiko All-Mash Starter	G. 18.00	4.00	55.00	....	....	5.00	Cod liver oil, milk sugar feed, meat scraps, wheat bran, wheat middlings, oat groats, corn meal, salt, charcoal, calcium carbonate, dicalcium phosphate.
Ubiko Milling Co. Cincinnati, Ohio	F. 18.10	4.56	55.69	12.21	9.14	4.55	
Gold Medal Egg Mash	G. 20.00	5.50	53.50	....	....	7.00	Corn meal, corn gluten feed, alfalfa meal, meat scraps, salt, wheat middlings, mill run screenings, wheat red dog flour, oat groats, linseed meal, buttermilk, phosphatic limestone.
Washburn Crosby General Mills Minneapolis, Minn.	F. 21.27	5.57	53.49	9.83	9.84	5.78	
Gold Medal Growing Mash	G. 18.00	4.00	56.00	....	....	6.00	Buttermilk, corn oil meal, oat groats, meat scraps, alfalfa meal, corn meal, wheat middlings, phosphatic limestone, salt.
Washburn Crosby General Mills Minneapolis, Minn.	F. 19.26	5.37	56.10	9.10	10.17	5.45	
Blue Seal Laying Mash	G. 20.00	3.50	54.00	....	....	6.00	Corn meal, wheat bran, oats, meat scraps, gluten meal, wheat flour middlings, barley, molasses, alfalfa leaf meal, skimmed milk, buttermilk, codfish meal, salt, calcium carbonate, cod liver oil, cod liver meal.
H. K. Webster Co. Lawrence, Mass.	F. 20.53	5.16	53.69	9.46	11.16	4.92	
Blue Seal Milk Mash	G. 16.50	4.50	55.00	....	....	6.00	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, skimmed milk, fish meal, alfalfa leaf meal, salt, cod liver oil, cod liver meal.
H. K. Webster Co. Lawrence, Mass.	F. 19.92	5.09	55.47	8.86	10.66	5.71	
Blue Seal University Laying Mash	G. 16.50	4.50	55.00	....	....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, salt, cod liver meal.
H. K. Webster Co. Lawrence, Mass.	F. 18.61	5.46	57.96	7.58	10.39	5.89	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Whitney's Laying Mash	G. 17.00	4.50	55.00	....	....	6.00	Wheat bran, corn meal, barley, oat meal, fish meal, meat scraps, skimmed milk, alfalfa leaf meal, cod liver oil, salt, limestone, charcoal.
K. T. Whitney	F. 18.08	4.93	57.20	9.53	10.26	4.76	
Goffstown, N. H.							
RYE FEED							
Rye Feed	G. 15.50	3.00	....	....	....	6.00	Rye bran, rye middlings, screenings.
Upper Hudson Rye Flour Mills, Inc.	F. 17.21	3.04	66.05	3.32	10.38	4.37	
Troy, N. Y.							
SKIMMED MILK							
Buell-Boston Dried Skim Milk	G. 31.00	0.20	....	....	....	....	
C. E. Buell, Inc.	F. 36.47	0.80	50.22	8.04	4.47	....	
Boston, Mass.							
Burck-Brand Skim Milk	G. 32.00	0.75	....	....	....	....	
C. W. Burckhalter, Inc.	F. 35.03	0.79	50.52	8.05	5.61	....	
New York							
Bison Dried Skim Milk	G. 30.00	0.50	....	....	....	....	
Consolidated Feed & Grain Co.	F. 35.02	0.71	50.78	8.11	5.38	....	
Buffalo, N. Y.							
Dairylea Dried Skim Milk	G. 33.00	0.75	....	....	....	....	
Dairymen's League, Inc.	F. 35.55	0.79	50.49	8.14	5.03	....	
Utica, N. Y.							
Dried Skim Milk	G. 30.00	0.50	....	....	....	....	
Land O' Lakes Creameries, Inc.	F. 33.19	0.67	51.56	7.84	6.74	....	
Minneapolis, Minn.							

Southwest Skimmed Milk Powder	G. 34.00	0.20	50.00	....	....	....	
Southwest Dairy Products Co. Dallas, Texas	F. 34.54	0.64	50.69	7.74	6.39	....	
Ward's Pure Dried Skim Milk	G. 32.00	1.00	40.00	....	....	....	
Ward Dry Milk Co. St. Paul, Minn.	F. 36.03	0.88	49.40	7.93	5.76	....	
SOYBEAN OIL MEAL							
Soybean Oil Meal	G. 41.00	4.50	36.00	....	....	7.00	
Archer-Daniels Midland Co. Minneapolis, Minn.	F. 44.99	4.94	35.65	6.05	8.37	....	
Soybean Oil Meal	G. 41.00	4.50	35.00	....	....	7.00	
Shellabarger Grain Products Co. Decatur, Ill.	F. 44.17	5.77	36.32	5.78	7.96	....	
Soybean Oil Meal	G. 37.00	5.00	33.50	....	....	6.50	
Soya Products, Inc. Chicago, Ill.	F. 39.49	5.56	32.80	11.69	10.46	....	
STOCK FEED							
Pennant Brand Stock Feed	G. 9.50	4.00	70.00	....	....	9.50	Hominy, oat hulls, oat middlings, oat shorts, linseed meal, barley, salt.
E. W. Bailey & Co. Montpelier, Vt.	F. 11.12	4.98	70.71	4.28	8.88	8.17	
Barco Stock Feed	G 9.50	4.50	70.00	....	....	9.50	Hominy, oat middlings, oat hulls, oat shorts, linseed meal, barley.
G. N. Bartemus Co. Concord, N. H.	F. 10.81	5.05	70.04	4.01	10.09	8.59	
Concord Stock Feed	G. 7.50	2.80	70.00	....	....	14.45	Hominy, oat middlings, oat shorts, oat hulls, salt.
G. N. Bartemus Co. Concord, N. H.	F. 9.02	4.66	72.59	5.02	8.71	13.52	
Cayuga Stock Feed	G. 15.00	3.50	55.00	....	....	9.00	Cottonseed meal, gluten feed, oats, barley, brewers' grains, corn meal, wheat middlings, molasses, grain screenings, salt, calcium phosphate, soybean oil meal.
Beacon Milling Co. Cayuga, N. Y.	F. 18.25	4.57	60.13	7.36	9.69	7.61	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Coweco Stock Feed E. A. Cowee Co. Fitchburg, Mass.	G. 9.00 F. 9.89	4.00 4.00	45.00 70.63	.... 6.49	.... 8.99	11.00 11.93	Oats, hominy, corn meal, oat feed, salt, calcium carbonate.
Quality Stock Feed J. Cushing Co. Fitchburg, Mass.	G. 9.00 F. 11.16	3.00 3.96	50.00 71.22	.... 4.51	.... 9.15	12.00 10.85	Hominy, corn meal, barley, oat feed, wheat red dog flour, grain screenings, salt.
Delaware White Stock Feed Delaware Mills, Inc. Deposit, N. Y.	G. 9.00 F. 10.11	3.00 4.95	50.00 72.09	.... 3.41	.... 9.44	12.00 10.96	Corn meal, hominy feed, wheat middlings, barley, kaffir corn, oat middlings, oat hulls, oat shorts, salt, calcium carbonate.
Frederick Stock Feed Dietrich & Gambrill, Inc. Frederick, Md.	G. 7.50 F. 9.28	3.00 3.85	70.00 71.91	.... 4.39	.... 10.57	12.00 11.36	Corn feed meal, oat middlings, oat shorts, oat hulls, salt.
Grandin's Stock Food D. H. Grandin Milling Co. Jamestown, N. Y.	G. 8.50 F. 10.51	4.00 6.22	55.00 69.33	.... 4.58	.... 9.36	12.00 10.86	Corn meal, corn feed meal, hominy feed, wheat middlings, barley, oat middlings, oat hulls, oat shorts, salt, wheat middlings, mill run screenings.
Granite State Stock Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 9.00 F. 10.15	5.00 5.00	60.00 71.32	.... 4.38	.... 9.15	10.00 9.17	Wheat red dog flour, white hominy, oat middlings, oat hulls, oat shorts, salt.
Our Special Stock Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 7.50 F. 8.62	3.00 3.49	70.00 73.98	.... 4.67	.... 9.24	13.50 12.85	Corn or hominy meal, oat middlings, oat hulls, oat shorts, salt.
Stock Feed McQuesten & Lewis Co. Manchester, N. H.	G. 9.00 F. 14.92	3.00 5.59	60.00 64.04	.... 5.55	.... 9.90	12.00 8.57	Corn, hominy, linseed meal, barley, low grade wheat flour, wheat bran, wheat middlings, mill run screenings, gluten meal, oat hulls, salt.

Merrimack Stock Feed	G. 9.00	4.00	60.00	....	....	11.00	Hominy, oat middlings, oat shorts, oat hulls, salt.
Merrimack Farmers' Exchange Concord, N. H.	F. 9.45	5.56	69.96	6.21	8.82	10.99	
Park & Pollard Stock Feed	G. 8.50	4.00	50.00	....	....	12.00	Barley, corn, oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate, salt.
Park & Pollard Co. Boston, Mass.	F. 10.55	4.92	68.15	6.17	10.21	11.63	
Quaker Sugared Schumacher Feed	G. 10.00	3.00	70.00	....	....	12.00	Corn, hominy feed, barley meal, cottonseed meal, linseed meal, low grade wheat flour, wheat middlings, oat middlings, oat shorts, oat hulls, salt, limestone, bone meal, molasses.
Quaker Oats Co. Chicago, Ill.	F. 11.12	3.51	69.66	6.52	9.19	9.32	
Wirthmore Stock Feed	G. 9.00	4.00	70.00	....	....	9.50	Barley, oats, hominy feed, corn, oat middlings, oat shorts, oat hulls, molasses, bone meal, calcium carbonate, salt.
St. Albans Grain Co. St. Albans, Vt.	F. 10.86	5.65	68.87	6.06	8.56	7.76	
Blue Seal Stock Feed	G. 8.50	3.50	65.00	....	....	11.00	Hominy feed, barley, wheat red dog flour, oat feed, calcium carbonate, salt.
H. K. Webster Co. Lawrence, Mass.	F. 11.77	5.07	69.48	3.87	9.81	10.83	
WHEAT BRAN							
Sunfed Wheat Bran	G. 14.00	4.00	62.00	....	....	12.00	Mill run screenings.
Commander-Larabee Corp. Minneapolis, Minn.	F. 16.11	5.26	59.74	6.91	11.98	....	
Duluth Imperial Wheat Bran	G. 15.00	3.75	60.00	....	....	13.00	Mill run screenings.
Duluth-Superior Milling Co. Duluth, Minn.	F. 17.12	5.29	62.94	5.83	8.82	....	
Durum Wheat Bran	G. 15.00	4.00	60.00	....	....	12.00	Mill run screenings.
Duluth-Superior Milling Co. Duluth, Minn.	F. 16.37	5.48	61.63	4.32	12.20	....	
Pure Wheat Bran	G. 14.00	3.50	50.00	....	....	12.00	
B. A. Eckhart Milling Co. Chicago, Ill.	F. 16.81	4.82	60.55	6.49	11.33	....	
Dairy Maid Bran	G. 12.50	2.50	57.00	....	....	13.00	Wheat bran, mill run screenings.
Federal Mill, Inc. Lockport, N. Y.	F. 19.04	3.79	59.96	6.33	10.88	....	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Lucky Bran	G. 14.00	3.00	60.00	....	....	14.00	
Federal Mill, Inc.	F. 16.81	4.79	60.57	6.71	11.12	....	
Lockport, N. Y.							
Palace Pure Wheat Bran	G. 15.00	4.00	55.50	....	....	10.50	
Hall Milling Co.	F. 15.98	4.36	61.88	6.35	11.43	....	
St. Louis, Mo.							
Hamco Brand Wheat Bran	G. 13.50	3.00	51.00	....	....	12.00	
Frank B. Ham & Co.	F. 17.34	5.20	59.86	5.50	12.10	....	
Toronto, Canada							
Heywood Pure Bran	G. 14.00	3.50	55.00	....	....	12.00	
Heywood Milling Co.	F. 14.27	3.57	64.75	6.09	11.32	....	
Jackson, Mich.							
Charm Pure Winter Wheat Bran	G. 14.00	3.50	55.00	....	....	11.00	
J. F. Imbs Milling Co.	F. 15.85	4.41	62.54	5.91	11.29	....	
St. Louis, Mo.							
Inland's Pure Wheat Bran	G. 14.50	4.00	60.00	....	....	10.00	
Inland Milling Co.	F. 15.54	4.23	60.88	7.19	12.16	....	
Des Moines, Iowa							
Blackhawk Pure Wheat Bran	G. 15.00	3.20	62.00	....	....	12.00	
International Milling Co.	F. 17.51	5.37	59.19	6.19	11.74	....	
Minneapolis, Minn.							
Pure Wheat Bran	G. 16.00	3.50	58.00	....	....	11.00	
Ismert-Hincke Milling Co.	F. 16.85	4.42	61.08	6.48	11.17	....	
Kansas City, Kan.							
Big Flake Pure Wheat Bran	G. 15.00	3.50	60.00	....	....	11.00	
Kansas Flour Mills Corp.	F. 16.90	3.59	60.52	6.47	12.52	....	
Kansas City, Mo.							

Lakewoods Wheat Bran	G. 15.00	3.50	53.00	....	....	11.50	
Lake of the Woods Milling Co. Montreal, Canada	F. 16.37	5.36	60.65	5.91	11.71	....	
Sunfed Pure Winter Wheat Bran	G. 15.00	3.50	58.00	....	....	11.00	
Larabee Flour Mills Co. Kansas City, Mo.	F. 16.29	4.34	60.32	6.74	12.31	....	
Mapleleaf Pure Wheat Bran	G. 15.00	3.50	50.00	....	....	11.50	
Maple Leaf Milling Co. Toronto, Canada	F. 17.90	5.37	60.00	5.45	11.28	....	
Niagara Standard Wheat Bran	G. 15.50	4.00	....	....	....	11.50	Bran, mill run screenings.
Niagara Falls Milling Co. Lockport, N. Y.	F. 15.50	4.17	60.76	7.49	12.08	....	
Pure Wheat Bran	G. 14.00	4.00	62.00	....	....	12.00	
Northwestern Consolidated Milling Co. Minneapolis, Minn.	F. 17.20	4.57	58.45	6.52	13.26	....	
Ogilvie's Wheat Bran	G. 15.00	3.50	50.00	....	....	11.50	
Ogilvie Flour Mills Co. Winnipeg, Canada	F. 17.16	5.38	59.28	5.79	12.39	....	
"Omar" Pure Wheat Bran	G. 15.00	3.50	50.00	....	....	11.00	
Omaha Flour Mills Co. Omaha, Neb.	F. 16.29	4.46	61.35	6.78	11.12	....	
Pillsbury's Hard Wheat Bran	G. 14.00	4.00	63.00	....	....	12.00	Wheat bran, wheat screenings.
Pillsbury Flour Mills Co. Minneapolis, Minn.	F. 16.59	4.14	62.15	5.91	11.21	....	
Occident Bran	G. 14.00	4.00	61.50	....	....	11.50	
Russell Miller Milling Co. Minneapolis, Minn.	F. 16.49	5.50	61.47	5.78	10.76	....	
Red Turkey Pure Wheat Bran	G. 14.50	3.50	56.00	....	....	11.00	
Southwestern Milling Co. Kansas City, Mo.	F. 17.29	3.67	61.04	6.51	11.49	....	
Spiller's Wheat Bran	G. 15.00	3.50	....	....	....	11.50	
Spiller's Canadian Milling Co. Calgary, Canada	F. 17.77	4.84	59.86	4.78	12.75	....	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Bran	G. 15.00	3.50	59.50	....	....	11.50	
St. Lawrence Flour Mills Co.	F. 17.60	5.40	59.09	5.32	12.59	....	
Montreal, Canada							
Stratton & Co., Fancy Bran	G. 14.00	4.00	64.00	....	....	11.00	
Stratton & Co.	F. 14.84	3.94	65.84	5.19	10.19	....	
Concord, N. H.							
Victor Spring Wheat Bran	G. 15.00	4.00	53.30	....	....	11.00	Mill run screenings.
Victor Flour Mills, Inc.	F. 18.34	5.01	59.96	6.07	10.62	....	
Victor, N. Y.							
Gold Medal Wheat Bran	G. 14.00	4.00	63.00	....	....	12.00	Wheat bran, mill run screenings.
Washburn Crosby General Mills	F. 15.98	5.23	61.33	6.24	11.22	....	
Minneapolis, Minn.							
"Tea Table" Wheat Bran	G. 14.50	3.50	58.50	....	....	11.50	Wheat bran, wheat screenings.
Weber Flour Mills Co.	F. 16.99	3.78	60.94	7.42	10.87	....	
Salina, Kan.							
Pioneer Pure Wheat Bran	G. 15.00	3.50	55.00	....	....	11.50	
Western Canada Flour Mills Co.	F. 16.94	5.44	60.08	6.08	11.46	....	
Calgary, Canada							
WHEAT MIDDLINGS							
Sunfed Wheat Standard Middlings	G. 14.50	4.00	62.00	....	....	9.50	Mill run screenings.
Commander-Larabee Corp.	F. 17.08	5.11	60.91	5.40	11.50	....	
Minneapolis, Minn.							
Standard Middlings	G. 15.00	4.00	60.00	....	....	9.50	Mill run screenings.
Duluth-Superior Milling Co.	F. 17.56	5.29	61.06	4.06	12.03	....	
Duluth, Minn.							

Dairy Maid Middlings	G. 13.00	4.50	58.00	....	....	8.00	
Federal Mill, Inc.	F. 14.75	4.32	66.85	3.51	10.57	....	
Lockport, N. Y.							
Lucky Middlings	G. 15.00	4.50	56.00	....	....	9.50	
Federal Mill, Inc.	F. 19.00	4.50	61.25	3.63	11.62	....	
Lockport, N. Y.							
Wheat Standard Middlings	G. 15.00	4.75	51.00	....	....	9.50	Mill run screenings.
Hecker-Jones-Jewell Milling Co.	F. 19.26	5.88	60.06	4.67	10.13	....	
Buffalo, N. Y.							
Blackhawk Wheat Standard Middlings	G. 16.00	4.50	60.50	....	....	8.50	Mill run screenings.
International Milling Co.	F. 18.04	5.36	60.78	4.94	10.88	....	
Minneapolis, Minn.							
Wheat Standard Middlings	G. 15.00	4.00	59.50	....	....	9.50	Wheat middlings, mill run screenings.
King Midas Mill Co.	F. 17.82	5.18	61.00	4.71	11.29	....	
Minneapolis, Minn.							
Rex Wheat Middlings	G. 16.00	5.00	53.00	....	....	7.50	Mill run screenings.
Maple Leaf Milling Co.	F. 16.94	5.00	62.33	4.21	11.52	....	
Toronto, Canada							
Niagara Standard Wheat Middlings	G. 15.50	4.50	....	....	....	7.00	Mill run screenings.
Niagara Falls Milling Co.	F. 16.64	4.32	62.77	3.62	12.65	....	
Lockport, N. Y.							
Wheat Flour Middlings	G. 15.00	4.00	62.00	....	....	6.00	Wheat flour middlings, wheat screenings.
Northwestern Consolidated Milling Co.	F. 17.95	4.29	62.08	3.60	12.08	....	
Minneapolis, Minn.							
Wheat Standard Middlings	G. 15.00	4.00	62.50	....	....	9.50	Wheat middlings, wheat screenings.
Northwestern Consolidated Milling Co.	F. 17.21	4.74	61.88	4.48	11.69	....	
Minneapolis, Minn.							
Wheat Flour Middlings	G. 14.00	4.00	....	....	....	6.00	Wheat flour middlings, mill run screenings.
Park & Pollard Co.	F. 17.77	4.55	63.32	3.74	10.62	....	
Boston, Mass.							
Hard Wheat Standard Middlings	G. 16.00	4.00	59.50	....	....	9.50	Wheat middlings, mill run screenings.
Phoenix Flour Mills	F. 17.20	4.51	62.17	5.37	10.75	....	
Davenport, Iowa							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Standard B. Middlings	G. 15.00	4.00	62.50	....	....	9.50	Wheat middlings, mill run screenings.
Pillsbury Flour Mills Co. Minneapolis, Minn.	F. 17.38	5.20	61.70	4.80	10.92	....	
Alta Middlings	G. 15.00	4.50	61.50	....	....	8.50	Wheat middlings, flour middlings.
Russell Miller Milling Co. Minneapolis, Minn.	F. 17.86	5.61	62.45	4.19	9.89	....	
Occident Flour Middlings	G. 15.50	4.50	60.00	....	....	5.00	
Russell Miller Milling Co. Minneapolis, Minn.	F. 19.65	4.82	61.14	3.03	11.36	....	
Pennant Wheat Middlings	G. 15.00	4.00	53.70	....	....	9.00	Wheat middlings, mill run screenings.
David Stott Flour Mills Detroit, Mich.	F. 16.42	4.21	63.25	4.50	11.62	....	
Stratton Co.'s Fancy Fine White Middlings	G. 14.00	4.26	66.00	....	....	6.50	
Stratton & Co. Concord, N. H.	F. 14.93	3.78	68.21	2.50	10.58	....	
Rowena Wheat Middlings	G. 15.60	4.50	66.00	....	....	5.00	Mill run screenings.
Valley City Milling Co. Grand Rapids, Mich.	F. 13.64	4.24	67.69	3.28	11.15	....	
Victor Spring Wheat Middlings	G. 17.00	5.00	....	....	....	9.50	Mill run screenings
Victor Flour Mills, Inc. Victor, N. Y.	F. 18.56	5.30	61.12	4.18	10.84	....	
Gold Medal Hard Wheat Standard Middlings	G. 15.00	4.00	62.50	....	....	9.50	Mill run screenings.
Washburn Crosby Mills, Inc. Minneapolis, Minn.	F. 17.73	5.80	60.60	4.55	11.32	....	

WHEAT MIXED FEED							
Capital Mixed Feed	G. 14.00	3.00	60.00	....	....	7.00	
E. W. Bailey & Co.	F. 16.64	3.61	63.52	4.32	11.91	....	Wheat bran, second clear flour.
Swanton, Vt.							
Barco Mixed Feed	G. 14.00	3.00	60.00	....	....	7.00	Wheat bran, second clear flour.
G. N. Bartemus Co.	F. 18.17	4.43	61.38	4.06	11.96	....	
Concord, N. H.							
Brooks' Fancy Mixed Feed	G. 15.00	4.00	63.00	....	....	8.00	Wheat bran, low grade wheat flour.
Caledonia Mills, Inc.	F. 16.85	3.80	62.45	4.90	12.00	....	
St. Johnsbury, Vt.							
Coweco Heavy Mixed Feed	G. 15.00	4.00	55.00	....	....	7.00	Wheat bran, wheat middlings, red dog flour.
E. A. Cowee Co.	F. 18.25	4.53	61.71	4.05	11.46	....	
Fitchburg, Mass.							
Delaware Heavy Mixed Feed	G. 15.00	4.00	....	....	....	8.50	Wheat bran, wheat low grade flour, mill run
Delaware Mills, Inc.	F. 17.03	4.75	62.35	5.11	10.76	....	screenings.
Deposit, N. Y.							
D & G Wheat Mixed Feed	G. 15.00	3.50	....	....	....	7.50	
Dietrich & Gambrill, Inc.	F. 17.60	4.27	62.36	4.61	11.16	....	
Frederick, Md.							
Pure Camel Heavy Wheat Feed	G. 16.00	5.00	....	....	....	8.50	Low grade wheat flour, wheat red dog,
Excelsior Milling Co.	F. 15.94	4.16	63.94	5.15	10.81	....	wheat middlings, wheat bran.
Minneapolis, Minn.							
Dairy Maid Mixed Feed	G. 12.50	3.50	57.00	....	....	10.00	Wheat bran, wheat middlings, mill run
Federal Mill, Inc.	F. 15.24	3.92	65.35	4.71	10.78	....	screenings.
Lockport, N. Y.							
Lucky Mixed Feed	G. 14.50	3.50	56.00	....	....	10.50	Wheat bran, wheat middlings, mill run
Federal Mill, Inc.	F. 18.74	4.95	60.33	5.16	10.82	....	screenings.
Lockport, N. Y.							
Granite State Mixed Feed	G. 15.00	4.00	55.00	....	....	8.50	Wheat bran, wheat red dog flour, mill run
E. C. & W. L. Hopkins, Inc.	F. 15.85	4.23	63.98	5.43	10.51	....	screenings.
Greenfield, N. H.							

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs					Certified by Manufacturer to Contain
		Protein	Fat	Carbohydrates	Ash	Moisture	Crude Fiber	
Gold Mine Feed H. H. King Flour Mills Co. Minneapolis, Minn.	G. F.	15.00 16.59	4.50 4.36	62.50 62.95	.... 4.69	.... 11.41	9.50	Wheat bran, wheat shorts, low grade wheat flour, wheat screenings.
Merrimack Heavy Wheat Feed Merrimack Farmers' Exchange Concord, N. H.	G. F.	15.00 16.99	4.00 3.82	55.00 63.51	.... 4.47	.... 11.21	9.00	Wheat bran, mill run screenings, wheat middlings.
Pillsbury's Fancy Mixed Feed Pillsbury Flour Mills Co. Minneapolis, Minn.	G. F.	15.00 17.07	4.00 4.42	63.50 63.04	.... 3.89	.... 11.58	8.50	Wheat red dog flour, wheat bran, mill run screenings.
Occident Mixed Feed Russell Miller Milling Co. Minneapolis, Minn.	G. F.	15.00 19.26	4.50 5.47	61.50 59.57	.... 4.39	.... 11.31	9.50	Wheat bran, wheat middlings, red dog flour.
Wirthmore Wheat Feed St. Albans Grain Co. St. Albans, Vt.	G. F.	15.00 16.55	4.50 **3.81**	50.00 62.28	.... 5.88	.... 11.18	8.00	Wheat bran, wheat red dog flour, mill run screenings.
Heavy Litchfield Mixed Feed F. W. Stock & Sons Hillsdale, Mich.	G. F.	16.00 **15.41**	4.00 4.00	60.00 64.18	.... 4.94	.... 11.47	8.00	
Stratton & Co.'s Mixed Feed Stratton & Co. Concord, N. H.	G. F.	13.50 15.50	4.11 4.13	63.00 64.87	.... 4.77	.... 10.73	7.13	Mill run screenings.
Rowena Mixed Feed Valley City Milling Co. Grand Rapids, Mich.	G. F.	15.40 **13.97**	4.40 4.29	66.00 66.20	.... 4.55	.... 10.99	9.00	Mill run screenings.

Gold Medal Fancy Mixed Feed	G. 15.00	3.50	65.50	....	....	7.50	Wheat bran, wheat screenings, low grade wheat flour.
Washburn Crosby Mills, Inc.	F. 16.15	4.30	63.45	4.64	11.46	....	
Minneapolis, Minn.							
WHEAT RED DOG FLOUR							
Red Dog Wheat Flour	G. 16.50	4.00	62.00	....	....	4.00	Low grade wheat flour.
King Midas Mill Co.	F. 19.35	4.47	60.44	3.12	12.62	....	
Minneapolis, Minn.							
XXX Comet	G. 16.00	4.00	62.00	....	....	4.00	
Northwestern Consolidated Milling Co. ..	F. 19.92	4.77	60.53	3.12	11.66	....	
Minneapolis, Minn.							
Pillsbury's XX Daisy	G. 16.00	4.00	62.00	....	....	4.00	Wheat red dog flour.
Pillsbury Flour Mills Co.	F. 20.18	4.73	60.51	2.58	12.00	....	
Minneapolis, Minn.							
Gold Medal Adrian Red Dog	G. 16.00	3.50	64.00	....	....	4.00	
Washburn Crosby General Mills	F. 18.08	4.19	63.26	3.02	11.45	....	
Minneapolis, Minn.							
WHEAT SHORTS							
Hameo Brand Wheat Shorts	G. 15.00	3.50	52.00	....	....	10.50	
Frank B. Ham & Co., Ltd.	F. 18.04	5.83	60.68	4.65	10.80	....	
Toronto, Canada							
Lakewoods Wheat Shorts	G. 16.00	5.00	56.00	....	....	8.00	
Lake of the Woods Milling Co.	F. 18.72	5.96	59.02	4.29	12.01	....	
Montreal, Canada							

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